# HAZARDOUS BUILDING MATERIALS SURVEY REPORT SAN JOSE CORPORATION YARD 696 NORTH SIXTH STREET SAN JOSE, CALIFORNIA

PREPARED FOR:

San Jose Redevelopment Agency

200 East Santa Clara Street, 14th Floor

San Jose, California 95113

Attention:

Ms. Genevieve Bantle

October 8, 2007

Copyright 2007 Kleinfelder, Inc. All Rights Reserved

Use or copying of this document is strictly prohibited by anyone other than the client for the specific project.

### A Report Prepared for:

Ms. Genevieve Bantle San Jose Redevelopment Agency 200 East Santa Clara Street, 14<sup>th</sup> Floor San Jose, California 95113

HAZARDOUS BUILDING MATERIALS SURVEY REPORT SAN JOSE CORPORATION YARD 696 NORTH SIXTH STREET SAN JOSE, CALIFORNIA

File No.: 86782/PW-SVY

October 8, 2007

Marlin V. Bryant, REA, CHMM

Certified Asbestos Consultant No 92-0596

Certified Lead Inspector/Monitor/Designer # 41

Don D'Ámico, CAC

**Environmental Group Manager** 

Certified Asbestos Consultant No. 96-2014

DHS Certified Lead Inspector/Supervisor # 615

KLEINFELDER, INC.

2011 North Capitol Avenue San Jose, California 95132 (408) 586-7611 (408) 586-7688 (facsimile)

# HAZARDOUS BUILDING MATERIALS SURVEY REPORT SAN JOSE CORPORATION YARD 696 NORTH SIXTH STREET SAN JOSE, CALIFORNIA

#### **TABLE OF CONTENTS**

1.0 E)	(ECUTI	VE SUMMARY
	1.1	ASBESTOS CONTAINING MATERIAL (ACM)
		1.1.1 Building 100 (Administrative Offices/Meeting Rooms)
		1.1.2 Building 200 (Shops - Carpentry, Vehicle Repair, Welding, and Irrigation)
		1.1.3 Building 300 (Carpenter Shop and Covered Storage)
		1.1.4 Building 400 (Shops – Custodial Storage, Tire Repair and Plan Room)
		1.1.5 Building 500 (Fuel Island, Covered Storage and Mower Shop)
		1.1.6 Building 600 (Shops - Paint, HVAC, Electrical, Power Room, and Training
	4.5	Rooms)
	1.2	LEAD IN PAINT
	1.3	OTHER OBSERVED HAZARDOUS MATERIALS/WASTE
		1.3.1 Building 100 (Administrative Offices/Meeting Room)
		1.3.2 Building 200 (Shops - Carpentry, Vehicle Repair, Welding, and Irrigation)
		1.3.3 Building 300 (Carpenter Shop and Covered Storage)
		1.3.4 Building 400 (Shops – Custodial Storage, Tire Repair and Plan Room) 1.3.5 Building 500 (Fuel Island, Covered Storage and Mower Shop)
		and are the services of the se
		5 (
	1.4	Recommendations
2.0	FACIL	ITY DESCRIPTION
	2.1	INTRODUCTION
	2.2	FACILITY DESCRIPTION
		2.2.1 Building 100 (Administrative Offices/Meeting Rooms)
		2.2.2 Building 200 (Shops - Carpentry, Vehicle Repair, Welding, and Irrigation)1
		2.2.3 Building 300 (Carpenter Shop and Covered Storage)
		2.2.4 Building 600 (Shops - Paint, HVAC, Electrical, Power Room, and Training
		Rooms)1
3.0		STOS-CONTAINING MATERIALS1
	3.1	ASBESTOS SURVEY AND ANALYSIS METHODS1
	3.2	ASBESTOS SURVEY RESULTS1
		3.2.1 Building 100 (Administrative Offices/Meeting Rooms)
		3.2.2 Building 200 (Shops - Carpentry, Vehicle Repair, Welding, and Irrigation) 1
4.0	LEAD	CONTAINING PAINT SURVEY1
	4.1	LEAD CONTAINING PAINT SURVEY AND ANALYSIS METHODS
	4.2	LEAD IN PAINT SURVEY RESULTS

# HAZARDOUS BUILDING MATERIALS SURVEY REPORT SAN JOSE CORPORATION YARD 696 NORTH SIXTH STREET SAN JOSE, CALIFORNIA

# TABLE OF CONTENTS (CONTINUED)

5.0	<b>OTHE</b> 5.1		ERVED HAZARDOUS MATERIALS / WASTE ITIALLY HAZARDOUS MATERIALS	
	0.1	5.1.1	Building 100 (Office/Meeting Room).	
		5.1.2	Building 200 (Shops - Carpentry, Vehicle Repair, Welding, and Irrigation)	
		5.1.3	Building 300 (Carpenter Shop and Covered Storage)	22
		5.1.4	Building 400 (Shops - Custodial Storage, Tire Repair and Plan Room	).22
		5.1.5	Building 500 (Fuel Island, Covered Storage and Mower Shop)	22
6.0	CONC	LUSIO	NS AND RECOMMENDATIONS	24
	6.1		.USIONS	
	6.2		MMENDATIONS	
7.0	LIMIT	ATIONS	S	27
PLA	TES			
	Plate 1		iagram – All Buildings	
	Plate 2	Sampl	e Location Diagram – Building 100	
	Plate 3	Sampl	e Location Diagram – Building 200	
	Plate 4	Sampl	e Location Diagram – Building 300	
	Plate 5	Sampl	e Location Diagram – Building 400	
	Plate 6		e Location Diagram – Building 500	
	Plate 7		e Location Diagram – Building 600	
T. 5	. =0			
Тав		Cumana	and of Ashantas Cumus. Descrit	
			ary of Asbestos Survey Results	
	rable 2 -	Summa	ary of Lead In Paint Survey Results	
App	ENDICES			
	Appendix	: A	Site Plan and Aerial Photograph	
	Appendix		Asbestos Chain Of Custody Forms and Laboratory Analysis Results	
	Appendix		Lead Chain of Custody Forms and Laboratory Analysis Results	
	Appendix		CAL-DHS Lead Hazard Evaluation Report	

#### 1.0 EXECUTIVE SUMMARY

This report presents the results of Kleinfelder's Hazardous Building Materials Survey conducted on August 20, 2007 of one administrative office building (Bldg. 100) and five maintenance shops (Bldg 200, 300, 400, 500, and 600) located at 696 North Sixth Street, San Jose, California (site). The subject site is currently being considered for demolition by the San Jose Redevelopment Agency (SJRDA).

The purpose of the survey was to evaluate the location, condition, and quantity of hazardous building materials present at the site, including asbestos, lead-containing paint, Polychlorinated Biphenyls (PCB) containing light ballasts, mercury containing fluorescent light tubes, electrical switches, and fuels/lubricants/chemicals that might be disturbed during proposed building demolition activities and/or that may require special waste disposal.

This survey was conducted in general accordance with the standards and protocols of the United States Environmental Protection Agency (EPA), California Environmental Protection Agency (Cal-EPA), California Department of Health Services (Cal-DHS), and California Occupational Safety and Health Administration (Cal-OSHA) as applicable.

Survey Results and Recommendations

# 1.1 ASBESTOS CONTAINING MATERIAL (ACM)

A total of ninety-three (93) bulk samples were collected of forty-eight (48) different suspected asbestos containing materials (ACMs). All accessible areas of each building were assessed, including all roofs. All suspected ACMs were observed to be in good condition at the time of the survey. Based on visual observations and an evaluation of the laboratory analysis results, Kleinfelder concludes that the following approximate quantities of building materials at the subject site contain asbestos:

# 1.1.1 Building 100 (Administrative Offices/Meeting Rooms)

- 5,000 square feet of non-friable black roofing felt with 60% asbestos content sealed with gray/black roof penetration mastic containing 10% asbestos.
- 4,000 square feet of non-friable 9-inch and 12-inch gray vinyl floor tile with 5-7% asbestos content held in place by black tile mastic with 10% asbestos content.

# 1.1.2 Building 200 (Shops - Carpentry, Vehicle Repair, Welding, and Irrigation)

- 8,000 square feet of white rock asphalt roofing and 3 layers of roofing felt each with 60% asbestos content under a thin coat of silver paint containing 2% asbestos content on Roof #1 only;
- 400 square feet of black/gray mastic with 5% asbestos content used to seal the asphalt roofing at the top of the Roof #1 perimeter parapet;
- 200 square feet of black/gray mastic with 10% asbestos content located at roof penetrations of Roofs #2, #3, #4, and #5;
- 150 square feet of black/gray mastic with 10% asbestos content located at seams of AC metal and flex ducting on Roof #5 (southern most section);
- 240 square feet of 12-inch tan vinyl floor tile with 2% asbestos content under a layer of non-ACM 12-inch black vinyl floor tile located on the floor of the Vehicle Maintenance Office;
- 200 square feet of 9-inch tan vinyl floor tile with 5% asbestos content located on the floor of the Electrical Office.

# 1.1.3 Building 300 (Carpenter Shop and Covered Storage)

No suspected ACM observed or sampled.

# 1.1.4 Building 400 (Shops - Custodial Storage, Tire Repair and Plan Room)

No ACM present in building materials.

# 1.1.5 Building 500 (Fuel Island, Covered Storage and Mower Shop)

- 500 square feet of 12-inch brown vinyl floor tile with 5% asbestos content located on the floor of the Mower Shop Office;
- 100 square feet of 12-inch brown vinyl floor tile with 5% asbestos content located on the floor of the Mower Shop Break Room;

# 1.1.6 Building 600 (Shops – Paint, HVAC, Electrical, Power Room, and Training Rooms)

 2,000 square feet of 12-inch tan vinyl floor tile with TRACE (<1%) asbestos content located on the floors of the HVAC Shop, Painter Break Room & Conference Room, Electrical Office & Break Room, and the Building Manager's Office.

#### 1.2 LEAD IN PAINT

A total of seventeen (17) paint chip samples were collected of predominant paints and coatings observed on building components at the site. All accessible areas of each building were assessed, including all roofs. All suspected lead containing paints and coatings observed were in substantially intact condition at the time of the survey. Eleven of the seventeen paint chips analyzed were reported by the laboratory as containing lead levels greater than 5000 parts per million (ppm). Based on visual observations and an evaluation of the laboratory analysis results, Kleinfelder concludes that most painted metal and wood building and equipment surfaces at the site are coated with substantially intact, "lead-based paint" (>5000 ppm). Please refer to Chapter 4 for a summary of our lead survey results.

# 1.3 OTHER OBSERVED HAZARDOUS MATERIALS/WASTE

During the building survey, Kleinfelder observed a number of potentially hazardous materials that should be properly handled and disposed of, or recycled, prior to the proposed building demolition activities. Approximate quantities of these materials include:

## 1.3.1 Building 100 (Administrative Offices/Meeting Room)

- 2 mercury containing, wall-mounted thermostats (west wall of main area and west wall of east center office);
- 1 gas meter on the northeast exterior corner;
- 110 one, two, and four-tube fluorescent light fixtures that are assumed to contain PCB containing light ballasts;
- 400 fluorescent light tubes of two to four feet in length that are assumed to contain small amounts of mercury vapor;
- 4 exterior security lights assumed to contain small amounts of mercury vapor;
- 2 roof-mounted Carrier central air conditioning units that may contain refrigerants with CFCs that were operating at the time of the survey;
- 1 gas-powered central heating unit in north mechanical room;

# 1.3.2 Building 200 (Shops - Carpentry, Vehicle Repair, Welding, and Irrigation)

- 600 one, two and four-tube fluorescent light fixtures that are assumed to have PCB containing light ballasts;
- 1,200 fluorescent light tubes of two, four, and eight feet in length that are assumed to contain small amounts of mercury vapor;
- 8 exterior security lights assumed to contain small amounts of mercury vapor;
- 1 wall-mounted air conditioning unit that may contain refrigerants with chlorofluorocarbons (CFCs);
- 3 roof-mounted air conditioning units (east side of Roof #1, center of Roof #4 and center of Roof #5) that may contain refrigerants with CFCs;
- 3 gas-powered room heaters suspended from the ceiling;

## 1.3.3 Building 300 (Carpenter Shop and Covered Storage)

- 5 two-tube fluorescent light fixtures that are assumed to contain PCB containing light ballasts;
- 10 fluorescent light tubes, each 8-feet in length, that are assumed to contain small amounts of mercury vapor;
- 5 exterior security lights assumed to contain small amounts of mercury vapor;

# 1.3.4 Building 400 (Shops - Custodial Storage, Tire Repair and Plan Room)

- 140 two and four-tube fluorescent light fixtures that are assumed to contain PCB containing light ballasts;
- 280 fluorescent light tubes of four to eight feet in length that are assumed to contain small amounts of mercury vapor;
- 5 exterior security lights assumed to contain small amounts of mercury vapor;
- 1 gas-powered heaters suspended from the ceiling;
- 2 window air conditioners that may contain refrigerants with CFCs;

# 1.3.5 Building 500 (Fuel Island, Covered Storage and Mower Shop)

- 50 two and four-tube fluorescent light fixtures that are assumed to contain PCB containing light ballasts;
- 100 fluorescent light tubes of four to eight feet in length that are assumed to contain small amounts of mercury vapor;
- 16 exterior security lights assumed to contain small amounts of mercury vapor;
- 3 gasoline pumps and subsurface piping that may contain residual fuels

# 1.3.6 Building 600 (Shops – Paint, HVAC, Electrical, Power Room, and Training Rooms)

 200 two and four-tube fluorescent light fixtures that are assumed to contain PCB containing light ballasts;

- 400 fluorescent light tubes of four to eight feet in length that are assumed to contain small amounts of mercury vapor;
- 16 exterior security lights assumed to contain small amounts of mercury vapor;
- 1 slab-mounted electrical transformer located at the south exterior wall inside fenced enclosure that may contain PCBs.

#### 1.4 RECOMMENDATIONS

Since planned demolition activities at the site may disturb ACM, lead-based paint and/or a variety of other potentially hazardous materials/waste present at the subject site, Kleinfelder recommends that the following actions be taken:

The owner of the buildings should provide notification to employees, contractors, subcontractors, and tenants having access to the buildings as to the presence, location, and quantity of ACM, LBP, and miscellaneous potentially hazardous materials at the site within 15 days of receiving this information.

- Prior to building demolition, all ACM identified in the buildings should be removed and disposed of in accordance with applicable Federal, State, and local regulations governing asbestos related work including, but not limited to those promulgated by OSHA, EPA, Cal-OSHA, Cal-EPA, Cal-DHS, DTSC, and the Bay Area Air Quality Management District (BAAQMD).
- 2. Prior to building demolition, the site owner should retain a State of California licensed and Cal-OSHA registered asbestos contractor to complete the recommended pre-demolition abatement of all ACM at the site.
- 3. A ten working day advance written notification and payment of appropriate fees are required by the BAAQMD for every demolition project within their jurisdiction, even when no ACMs are present, and for each renovation project where the amount of friable ACM is equal to or greater than 160 lineal feet or 260 square feet. Since all ACM present at the site is "non-friable" BAAQMD will not require a ten-day advance notification for planned asbestos abatement, unless the

abatement contractor plans to make the ACM friable during pre-demolition abatement. BAAQMD will require a 10-day advance notification prior to demolition activities at the site.

- An advance written notification to Cal-OSHA will be required from the selected asbestos abatement contractor regarding their "Intent To Conduct Asbestos Related Work."
- 5. Contractors engaged to work at the site should be advised that substantially intact LBP is assumed to be present on all painted building components and that said LBP should only be disturbed by properly trained workers using appropriate lead-related work practices in accordance with applicable Cal-OSHA worker exposure regulations.
- 6. An advance written notification to Cal-OSHA will be required from the selected demolition contractor regarding their "Intent To Conduct Lead-Related Work."
- 7. The fluorescent lights tubes, fluorescent light ballasts, and electrical switches commonly contain small amounts of mercury and/or PCBs. The contractor for the project should be advised to properly recycle/dispose the fluorescent light tubes, thermostats, and ballasts in accordance with applicable regulations. A California licensed hazardous waste hauler should conduct removal of these items from the site.
- 8. The refrigerants, used tires, electronic waste (monitors and electronic equipment), flammable liquids, chemicals, and Universal Waste (used batteries) must be segregated from construction debris waste and disposed of in accordance with current regulations of the Cal-EPA Department of Toxic Substance Control Division (DTSC). A California licensed hazardous waste hauler and hazardous waste categorization may be required for removal of these items from the site.
- 9. Prior to demolition of on-site structures, the property owner should conduct further site evaluation as to the exact location of underground storage tanks and

- associated subsurface piping. The local environmental health department is the lead agency for the proper permitting and closure of USTs.
- 10. The local utility company should be contacted prior to building demolition to handle the proper removal of the slab-mounted transformers located at the south end of Building 5.

It is the client's responsibility to assess the potential risk of each option and balance their desired end result with costs and hazards of each of the outlined options. Kleinfelder is available to assist the client in securing their desired end result by insuring that all work is done in accordance with current regulations and guidelines.

#### 2.0 FACILITY DESCRIPTION

#### 2.1 INTRODUCTION

This report presents the results of Kleinfelder's Hazardous Building Materials Survey conducted on August 20, 2007 of five maintenance shops and one administrative office building located at 696 North Sixth Street, San Jose, California (site). The subject site is currently being considered for demolition by the SJRA and includes the following structures:

Building Number	Function	<b>Estimated Size</b>
1) Building 100	Administration Offices	5,000 square feet
2) Building 200	Shops - Carpentry, Vehicle Repair, Welding, Irrigation	41,000 square feet
3) Building 300	Carpenter Shop and Covered Storage	1,200 square feet 3,400 square feet
4) Building 400	Shops - Custodial Storage, Tire Repair and Plan Room with attached	8,000 square feet
	Covered Storage	800 square feet
5) Building 500	Fuel Island, Covered Storage and Mowing Shop	14,000 square feet
6) Building 600	Shops – Paint, HVAC, Electrical, Power Room and Training Rooms	12,000 square feet

The purpose of the survey was to evaluate the location, condition, and quantity of hazardous building materials present at the site, including asbestos, lead-containing paint, PCB containing light ballasts, mercury containing fluorescent light tubes, electrical switches, and fuels/lubricants/chemicals that might be disturbed during proposed building demolition activities and/or that may require special waste disposal.

This survey was conducted in general accordance with the standards and protocols of the United States Environmental Protection Agency (EPA), California Environmental Protection Agency (Cal-EPA), California Department of Health Services (Cal-DHS), and California Occupational Safety and Health Administration (Cal-OSHA) as applicable.

#### 2.2 FACILITY DESCRIPTION

# 2.2.1 Building 100 (Administrative Offices/Meeting Rooms)

This one-story building consists of approximately 5,000 square feet and is constructed of masonry block, coated with stucco, on a concrete slab foundation. The flat roof consists of three levels and is constructed of wood sheeting coated with multiple layers of black roofing felt sealed with black tar under a layer of white rock asphalt rolled roofing sealed with black/gray mastic at the parapet and at roof penetrations. The low perimeter roof parapet is capped with a painted wood utility screen. The building rooms include offices, restrooms, storage areas, main work area, dining room, kitchen, mechanical rooms, and a large central meeting room. Interior wall treatments include painted masonry block and painted and textured drywall. Floor coverings include 12inch beige vinyl floor tile, 9-inch gray vinyl floor tile, unfinished concrete, and carpeting. Ceilings are composed of painted drywall, 12-inch glued-on acoustic ceiling tiles, and 2foot by 4-foot acoustic ceiling tiles suspended from a metal grid. Metal and plastic flexible ventilation ducts are insulated with fiberglass are located above the suspended ceiling tiles. 4-foot fluorescent light fixtures provide primary lighting. Heating and air conditioning is provided by a central system that has a gas-powered furnace in the mechanical room and two roof-mounted Carrier air conditioners. Window frames are metal with panes sealed with window putty.

# 2.2.2 Building 200 (Shops - Carpentry, Vehicle Repair, Welding, and Irrigation)

This one-story, 51-foot x 800-foot building consists of approximately 41,000 square feet and is constructed of masonry block on a concrete slab foundation. The arched roof of this structure is constructed of wood that is covered with multiple layers of black felt sealed with black tar under a layer of white rock asphalt rolled roofing sealed with black/gray mastic. The roof is divided into 5 distinct sections each separated by a low parapet wall. For the purpose of identification, this report labels the Building 200 roofs

as #R1, #R2, #R3, #R4, and #R5 with roof numbering from north to south. Roof #1 covers the original building constructed in 1949 and is unlike the other Building 200 roofs in that it consists of a second layer of white rock asphalt rolled roofing. A metal dust collection hopper in a steel frame is present on the building's exterior northeast corner. The building rooms include offices, restrooms, storage areas, and shops for carpentry, custodial, electrical, vehicle maintenance, welding, machine shop, sweeper repair, and irrigation. The building interior consists primarily of painted masonry block with built-out interior walls constructed of wood framing covered with painted plywood sheeting and painted drywall. The metal window frames are sealed with window putty. Overhead 4-foot and 8-foot fluorescent light fixtures suspended from the open-beamed wood ceiling provide primary lighting. Interior floor coverings include painted concrete, 9-inch and 12-inch vinyl floor tiles of various colors, and carpeting.

### 2.2.3 Building 300 (Carpenter Shop and Covered Storage)

This one-story, 26-foot x 43-foot building consists of approximately 1,200 square feet and is of wood framed construction covered with metal sheeting on a concrete slab foundation. The pitched roof is of wood frame construction covered by metal sheeting. The building interior is unfinished and consists of one room with an open-beamed ceiling. The floor consists of unfinished concrete. Primary interior lighting is provided by 5-foot fluorescent light fixtures. Window frames consist of painted wood with panes sealed with window putty.

Adjacent to Building 300 is a covered storage area approximately 48-feet x 71-feet (3,400 square feet) that is approximately 14 feet high on a concrete slab foundation. This structure consists of an open-walled, steel frame with wood rafters supporting a pitched roof covered by metal sheeting. Perimeter walls are enclosed with 12-foot high chain-link fencing.

# 2.2.4 Building 400 (Shops – Custodial Storage, Tire Repair and Plan Room)

This one-story, 50-foot x 160-foot, "Butler" style building consists of approximately 8,000 square feet and is a steel framed structure covered with metal panels on a

concrete slab foundation. The sloped roof and exterior walls are constructed of unpainted, galvanized metal panels. The building rooms include an office, restroom, a storage room, plan room, custodial storage, and tire shop. Interior wall treatments include unpainted metal, painted wood sheeting, and painted drywall. throughout is unfinished concrete except for the office, plan room, and restroom that have vinvl floor tiles. Ceilings consist of open-beamed, unpainted metal panels and painted drywall. Primary lighting consists of 4-foot and 8-foot fluorescent light fixtures. Two window air conditioners provide cooling to the plan room and office. Window frames are metal with panes sealed with window putty. A pneumatic tire machine is present in the north tire shop. Vent pipes for the underground fuel tanks are present on the south perimeter wall. The emergency shut-off for natural gas is present on the southwest exterior wall. Adjacent to Building 400 is an approximately 800 square foot covered storage area of open-walled, steel framed construction with a slanted roof covered with metal sheeting, on a concrete slab foundation. The perimeter walls of the covered storage area are covered with a 12-foot high chain-link fence.

# 2.2.5 Building 500 (Fuel Island, Covered Storage and Mowing Shop)

This one-story, 51-foot x 290-foot, building consists of approximately 14,000 square feet and is constructed of a steel structure in combination with masonry block bearing walls, on a concrete pad foundation. The sloped roof and exterior walls are covered with unpainted, galvanized metal panels. The building rooms include a covered fuel station with 3 fuel pumps, offices, restrooms, lubricant storage, horticultural storage area, sweeper shop, wash rack, covered storage, playground equipment repair, mowing shop, and break room. Interior wall treatments include unpainted metal, painted wood sheeting, painted masonry block, and painted drywall. Floor coverings include unfinished concrete, and 12-inch gray vinyl floor tile. Ceilings are open-beamed, unpainted metal panels, painted drywall, and 2x4-foot acoustic ceiling tiles suspended from metal beams. Primary lighting consists of 4-foot and 8-foot fluorescent light fixtures. Ceiling mounted gas heaters provide building heat and there appears to be no air conditioning. Window frames are metal with panes sealed with silicone.

# 2.2.4 Building 600 (Shops – Paint, HVAC, Electrical, Power Room, and Training Rooms)

This two-story, 51-foot x 240-foot, building consists of approximately 14,000 square feet and is constructed of a steel structure in combination with masonry block bearing walls, on a concrete pad foundation. The sloped roof and exterior walls are covered with unpainted, galvanized metal panels. The building's 1<sup>st</sup> floor rooms include offices, restrooms, storage, break rooms, paint spray booths, sign shop, HVAC shop, electrical storage, locker room and power room. The building's 2<sup>nd</sup> floor rooms include training rooms, restrooms, storage, HVAC room, and hallways. Interior wall treatments include unpainted metal, painted and unpainted wood sheeting, painted masonry block, and painted drywall. Floor coverings include unfinished concrete, and 9-inch and 12-inch vinyl floor tile. Ceiling treatments include unpainted metal panels, painted drywall, and 2x4-foot acoustic ceiling tiles suspended from metal beams. Primary lighting consists of 4-foot and 8-foot fluorescent light fixtures. A gas powered furnace and central air conditioning unit are present on the 2<sup>nd</sup> floor. Window frames are metal with panes sealed with silicone. A pad-mounted electrical transformer is present adjacent to the building's south exterior wall, inside a fenced enclosure.

#### 3.0 ASBESTOS-CONTAINING MATERIALS

#### 3.1 ASBESTOS SURVEY AND ANALYSIS METHODS

On August 20, 2007 Kleinfelder conducted a visual survey and collected bulk samples of suspected asbestos containing materials (ACM) at the subject site. The survey was conducted by Marlin Bryant (California Department of Occupational Safety and Health (Cal-DOSH) Certified Asbestos Consultant (CAC No. 92-0596). The survey was completed in general accordance with AHERA methods (40 CFR, Part 763) as a guideline.

Survey procedures included the visual observation and identification of building materials suspected of containing asbestos, collection of representative bulk samples, and physical assessment/quantification of the suspect materials. The physical assessment of suspected asbestos-containing materials was conducted to determine if the material is friable and to assess if the material is damaged. According to AHERA, a "friable" material can be reduced to dust or powder with hand pressure. Examples of friable materials may include but are not limited to fire- proofing, sprayed-on acoustical ceiling material, paper backing on sheet vinyl flooring and some thermal system insulation. Concern related to exposure to airborne asbestos fibers from ACMs in buildings has primarily been focused on friable asbestos products.

Materials that contain tightly bound asbestos fibers are reported as "non-friable". A "non-friable" material contains asbestos fibers which have been locked-in by a bonding agent, coating, binder, or other material, so that fibers are not released during appropriate use or handling. Vinyl floor tile and flooring mastics are two examples of non-friable materials. Fiber release is less likely to occur with a non-friable material. Non-friable materials that are not damaged and are left undisturbed are not expected to represent an asbestos exposure risk. Both friable and non-friable materials can present a health hazard should they become disturbed or damaged (e.g., during renovation or demolition activities).

ACMs in good condition are those that have no visible damage or deterioration. ACMs in good condition do not present a health hazard if maintained in such a condition and left undisturbed. An ACM observed to be damaged (less than 10 percent over total area or 25 percent localized) has the potential to release asbestos fibers if disturbed. An ACM observed to be significantly damaged (greater than 10 percent over total area or greater than 25 percent localized) has the potential to release asbestos fibers during normal use.

Bulk samples were collected in general accordance with AHERA guidelines. Each sample was placed into a plastic bag and labeled with a unique sample number. The location of the sample was noted on a map of the building and logged onto a chain-of-custody form. A summary of building material samples collected, the sample locations, asbestos content, condition, friability, and area estimates are summarized on Table 1. Copies of the analytical laboratory reports and chain-of-custody forms are included in Appendix B. Sample Location Diagrams are presented on Plates 2-7 per building.

The samples were delivered to Forensic Analytical Laboratory of Hayward, California. Forensic is certified through EPA's National Voluntary Laboratory Accreditation Program (NVLAP) and the Cal-DHS Environmental Laboratory Accreditation Program (ELAP) to perform asbestos testing of bulk materials.

## 3.2 ASBESTOS SURVEY RESULTS

A total of ninety-three (93) bulk samples were collected of forty-eight (48) different suspected asbestos containing materials (ACMs). All accessible areas of each building were assessed, including all roofs. All suspected ACMs were observed to be in good condition at the time of the survey. Based on visual observations and an evaluation of the laboratory analysis results, Kleinfelder concludes that the following approximate quantities of building materials at the subject site contain asbestos:

# 3.2.1 Building 100 (Administrative Offices/Meeting Rooms)

 5,000 square feet of non-friable black roofing felt with 60% asbestos content in layers #3, #4, and #5 of 6 layers of roofing material under 2 layers on non-ACM

- asphalt roofing material sealed with gray/black roof penetration mastic containing 10% asbestos;
- 4,000 square feet of non-friable 9-inch and 12-inch gray vinyl floor tile with 5-7% asbestos content held in place by black tile mastic with 10% asbestos content assumed to be present under non-ACM carpet and non-ACM gray sheet vinyl in all interior rooms except the women's restroom and the north perimeter office;

# 3.2.2 Building 200 (Shops - Carpentry, Vehicle Repair, Welding, and Irrigation)

- 8,000 square feet of white rock asphalt roofing and 3 layers of roofing felt each with 60% asbestos content under a thin coat of silver paint containing 2% asbestos content. In addition, 400 square feet of black/gray mastic, used to seal the asphalt roofing at the top of the Roof #1 perimeter parapet, was reported by the laboratory to contain 5% asbestos. These materials were only found in the northern most roof section (original building) referred to in this report as Roof #1. Roof sections identified as Roofs #2, #3, #4, and #5 were composed of non-ACM asphalt and black felt roofing materials;
- 200 square feet of black/gray mastic with 10% asbestos content located at roof penetrations of Roofs #1, #2, #3, #4, and #5;
- 150 square feet of black/gray mastic with 10% asbestos content located at seams of AC metal and flex ducting on Roof #5 (southern most section);
- 240 square feet of 12-inch tan vinyl floor tile with 2% asbestos content under a layer of non-ACM 12-inch black vinyl floor tile located on the floor of the Vehicle Maintenance Office;
- 200 square feet of 9-inch tan vinyl floor tile with 5% asbestos content located on the floor of the Electrical Office.

# 3.2.3 Building 300 (Carpenter Shop and Covered Storage)

No suspected ACM observed or sampled.

### 3.2.4 Building 400 (Shops – Custodial Storage, Tire Repair and Plan Room)

- No ACM present in building materials.
- Building 500 (Fuel Island, Covered Storage and Mower Shop)
- 500 square feet of 12-inch brown vinyl floor tile with 5% asbestos content located on the floor of the Mower Shop Office;
- 100 square feet of 12-inch brown vinyl floor tile with 5% asbestos content located on the floor of the Mower Shop Break Room;
- Building 600 (Shops Paint, HVAC, Electrical, Power Room, and Training Rooms
- 2,000 square feet of 12-inch tan vinyl floor tile with TRACE (<1%) asbestos content located on the floors of the HVAC Shop, Painter Break Room & Conference Room, Electrical Office & Break Room, and the Building manager's Office.

#### 4.0 LEAD CONTAINING PAINT SURVEY

#### 4.1 LEAD CONTAINING PAINT SURVEY AND ANALYSIS METHODS

On August 20, 2007 Kleinfelder conducted a visual survey and collected paint chip samples of suspected lead containing paint from the subject site buildings. The lead survey was conducted by a California Department of Health Services (Cal-DHS) Certified Lead Inspector/Assessor, Marlin Bryant, Certification No. 41. The physical assessment of painted surfaces was conducted to determine if the paint is intact or damaged. Damaged paint appears as cracked, chipped and/or peeling away from the substrate as a result of moisture, wear, heat and/or age. Materials that did not exhibit any of these conditions were recorded as intact.

In accordance with EPA and DHS protocols, Kleinfelder collected each paint chip sample material down to the substrate. Samples were collected and placed into prelabeled, hard-shell containers. Each paint chip sample was given a unique sample identification number. A summary of paint chip samples collected, the sample locations, lead content, and condition assessments are summarized on Table 2. Copies of the analytical laboratory report and chain-of-custody forms are included in Appendix C. Sample Location Diagrams are presented on Plates 2-7 per building.

The paint chip samples were submitted to Forensic Analytical Laboratory of Hayward, California, for analysis using Flame Atomic Adsorption Spectroscopy (Flame AA) in accordance with the EPA's Standard Operating Procedures for Lead in Paint by Atomic Adsorption Spectroscopy (AAS). Forensic is accredited by Cal-DHS ELAP and participates in the Department of Health and Human Services Proficiency Analytical Testing (PAT) for the analysis of lead.

Under current Cal/OSHA regulations, definitions of "lead-containing paint", "lead-based paint" or "lead-containing construction material" have not been established. The Cal/OSHA lead-in- construction standard (Title 8 California Code of Regulations Section 1532.1) applies to all construction work where an employee may be occupationally exposed to lead. The Consumer Products Safety Commission (CPSC) limits the

amount of lead in paints manufactured for residential use to 0.06 percent in dry paint. Under the lead-in-construction standard, a "negative" exposure assessment may be established for work involving coatings or paint containing less than 0.06 percent lead, if the work does not include certain "trigger tasks" established in the standard. The U.S. Department of Housing and Urban Development and the California DHS define "lead-based paint" as "paint or other surface coating" containing more than 1.0 milligram lead per square centimeter of surface area (mg/cm²) or more than 0.5 percent lead by weight.

#### 4.2 LEAD IN PAINT SURVEY RESULTS

A total of seventeen (17) paint chip samples were collected of predominant paints and coatings observed on building materials at the site. All accessible areas of each building were assessed, including all roofs. All suspected lead containing paints and coatings observed were in substantially intact condition at the time of the survey. Eleven of the seventeen paint chips analyzed were reported by the laboratory as containing lead levels greater than 5000 parts per million (ppm).

Based on the visual inspections and an evaluation of the laboratory analysis results, Kleinfelder concludes that substantially intact "lead-containing paint" (>600 ppm but less than 5000 ppm lead) is present on the following surfaces at the site:

TEXT TABLE 1
SUMMARY OF LEAD-CONTAINING PAINT SAMPLES

Sample	Sar	nple Location		Lead
No.	Bldg No. Area		Sample Description	Content (ppm)
L1	100	Roof Parapet	Gray on wood	80
L5	100	Interior Ceiling	Beige on drywall	<60
· L8	400	Inter Office Wall	White paint on wood paneling	1,800
L9	600	Exterior Door	Orange paint on white on metal	230
L12	500	Light Shop N. Ext Door Frame	Beige paint on metal	310
L14	500	Exterior Eaves	White paint on metal	150

ppm = parts per million

Based on visual observations and an evaluation of the laboratory analysis results, Kleinfelder concludes that most painted metal, wood building and equipment surfaces at the site are coated with substantially intact, "lead-based paint" (>5000 ppm). Paints reported by the laboratory to contain > 5000 ppm (parts per million) lead by weight include:

TEXT TABLE 2
SUMMARY OF LEAD-BASED PAINT SAMPLES

Sampla	Sa	ample Location		Lead
Sample No.	Bldg No.	Area	Sample Description	Content (ppm)
L2	200	Exterior Wall	Beige paint on concrete	12,000
L3	200	Exterior Metal Framed Blower	Yellow paint on metal	24,000
L4	100	Exterior Trim	Turquoise paint on wood	18,000
L6	300	Covered Storage Beams	Red paint on steel	19,000
L7	400	Exterior Wall	Yellow paint on cement block	23,000
L10	600	Exterior Door Frame	Light blue paint on red on steel	22,000
L11	500	Covered Storage on North Wall	White over yellow paint on cinder block	6,600
L13	500	Exterior Gutter	Red paint on metal	24,000
L15	500	Exterior Awning Support Beam	Red and yellow paint on steel	38,000
L16	500	Exterior Door Frame	White paint on metal	12,000
L17	500	Exterior Door	Yellow paint on metal	13,000

ppm = parts per million

#### 5.0 OTHER OBSERVED HAZARDOUS MATERIALS / WASTE

## 5.1 POTENTIALLY HAZARDOUS MATERIALS

During the building survey, the inspector observed a number of potentially hazardous materials that should be properly handled and disposed of or recycled prior to the proposed building demolition activities. Approximate quantities of these materials include:

### 5.1.1 Building 100 (Office/Meeting Room)

- 2 mercury containing, wall-mounted thermostats (west wall of main area and west wall of east center office);
- 1 gas meter on the northeast exterior corner;
- 110 one, two, and four tube fluorescent light fixtures that are assumed to contain PCB containing light ballasts;
- 400 fluorescent light tubes of two to four feet in length that are assumed to contain small amounts of mercury vapor;
- 4 exterior security lights assumed to contain small amounts of mercury vapor;
- 2 roof-mounted Carrier central air conditioning units that may contain refrigerants with CFCs that were operating at the time of the survey;
- 1 gas-powered central heating unit in north mechanical room;

# 5.1.2 Building 200 (Shops - Carpentry, Vehicle Repair, Welding, and Irrigation)

- 600 one, two and four tube fluorescent light fixtures that are assumed to have PCB containing light ballasts;
- 1,200 fluorescent light tubes of two, four, and eight feet in length that are assumed to contain small amounts of mercury vapor;
- 8 exterior security lights assumed to contain small amounts of mercury vapor;
- 1 wall-mounted air conditioning unit that may contain refrigerants with CFCs;

- 3 roof-mounted air conditioning units (east side of Roof #1, center of Roof #4 and center of Roof #5) that may contain refrigerants with CFCs;
- 3 gas-powered room heaters suspended from the ceiling;

### 5.1.3 Building 300 (Carpenter Shop and Covered Storage)

- 5 two-tube fluorescent light fixtures that are assumed to have PCB containing light ballasts;
- 10 fluorescent light tubes, each 8-feet in length, that are assumed to contain small amounts of mercury vapor;
- 5 exterior security lights assumed to contain small amounts of mercury vapor;

# 5.1.4 Building 400 (Shops – Custodial Storage, Tire Repair and Plan Room)

- 140 two and four tube fluorescent light fixtures that are assumed to contain PCB containing light ballasts;
- 280 fluorescent light tubes of four to eight feet in length that are assumed to contain small amounts of mercury vapor;
- 5 exterior security lights assumed to contain small amounts of mercury vapor;
- 1 gas-powered heaters suspended from the ceiling;
- 2 window air conditioners that may contain refrigerants with CFCs;

# 5.1.5 Building 500 (Fuel Island, Covered Storage and Mower Shop)

- 50 two and four tube fluorescent light fixtures that are assumed to contain PCB containing light ballasts;
- 100 fluorescent light tubes of four to eight feet in length that are assumed to contain small amounts of mercury vapor;
- 16 exterior security lights assumed to contain small amounts of mercury vapor;
- 3 gasoline pumps and subsurface piping that may contain residual fuels.
- Building 600 (Shops Paint, HVAC, Electrical, Power Room, and Training Rooms

- 200 two and four tube fluorescent light fixtures that are assumed to contain PCB containing light ballasts;
- 400 fluorescent light tubes of four to eight feet in length that are assumed to contain small amounts of mercury vapor;
- 16 exterior security lights assumed to contain small amounts of mercury vapor;
- 1 slab-mounted electrical transformer located at the south exterior wall inside fenced enclosure that may contain PCBs.

#### 6.0 CONCLUSIONS AND RECOMMENDATIONS

#### 6.1 CONCLUSIONS

Kleinfelder understands that the six structures at the subject site are scheduled for demolition at a future date. Based on Kleinfelder's visual survey of the site and a review of the laboratory analysis reports for samples collected, Kleinfelder concludes that non-friable asbestos containing material (ACM with >1 % asbestos), non-friable asbestos containing construction material (ACCM with <1% asbestos), substantially intact lead-based (LBP) and lead-containing (LCP), and a variety of potentially hazardous materials, equipment, fixtures, and substances are present at the subject site. Prior to building renovation/demolition activities, the ACM, ACCM, and potential hazardous materials identified in this report should be properly removed and recycled and/or disposed of by properly certified contractors using approved methods in accordance with all applicable Federal, State, and local regulations.

#### 6.2 RECOMMENDATIONS

Since planned demolition activities at the site may disturb ACM, ACCM, lead-based paint, lead-containing paint and/or a variety of other potentially hazardous materials/waste present at the subject site, Kleinfelder recommends that the following actions be taken:

The owner of the building should provide notification to employees, contractors, subcontractors, and tenants having access to the buildings as to the presence, location, and quantity of ACM, LBP, and miscellaneous potentially hazardous materials at the site within 15 days of receiving this information.

 Prior to building demolition, all ACM identified in the building should be removed and disposed of in accordance with applicable Federal, State, and local regulations governing asbestos related work including, but not limited to those promulgated by OSHA, EPA, Cal-OSHA, Cal-EPA, Cal-DHS, DTSC, and the Bay Area Air Quality Management District (BAAQMD).

- 2. Prior to building demolition, the site owner should retain a State of California licensed and Cal-OSHA registered asbestos contractor to complete the recommended pre-demolition abatement of all ACM at the site.
- 3. A ten working day advance written notification and payment of appropriate fees are required by the BAAQMD for every demolition project within their jurisdiction, even when no ACMs are present, and for each renovation project where the amount of friable ACM is equal to or greater than 160 lineal feet or 260 square feet. Since all ACM present at the site is "non-friable" BAAQMD will not require a ten-day advance notification for planned asbestos abatement, unless the abatement contractor plans to make the ACM friable during pre-demolition abatement. BAAQMD will require a 10-day advance notification prior to demolition activities at the site.
- 4. An advance written notification to Cal-OSHA will be required from the selected asbestos abatement contractor regarding their "Intent To Conduct Asbestos Related Work."
- 5. Contractors engaged to work at the site should be advised that substantially intact LBP is assumed to be present on all painted building components and that said LBP should only be disturbed by properly trained workers using appropriate lead-related work practices in accordance with applicable Cal-OSHA worker exposure regulations.
- 6. An advance written notification to Cal-OSHA will be required from the selected demolition contractor regarding their "Intent To Conduct Lead-Related Work."
- 7. The fluorescent lights tubes, fluorescent light ballasts, and electrical switches commonly contain small amounts of mercury and/or PCBs. The contractor for the project should be advised to properly recycle/dispose the fluorescent light tubes, thermostats, and ballasts in accordance with applicable regulations. A California licensed hazardous waste hauler should conduct removal of these items from the site.

- 8. The refrigerants, used tires, electronic waste (monitors and electronic equipment), flammable liquids, chemicals, and Universal Waste (used batteries) must be segregated from construction debris waste and disposed of in accordance with current regulations of the Cal-EPA Department of Toxic Substances Control Division (DTSC). A California licensed hazardous waste hauler and hazardous waste categorization may be required for removal of these items from the site.
- 9. Prior to demolition of on-site structures, the property owner should conduct further site evaluation as to the exact location of underground storage tanks and associated subsurface piping. The local environmental health department is the lead agency for the proper permitting and closure of USTs.
- 10. The local utility company should be contacted prior to building demolition to handle the proper removal of the slab-mounted transformers located at the south end of Building 5.

It is the client's responsibility to assess the potential risk of each option and balance their desired end result with costs and hazards of each option. Kleinfelder is available to assist the client in securing their desired end result by insuring that all work is done in accordance with current regulations and guidelines.

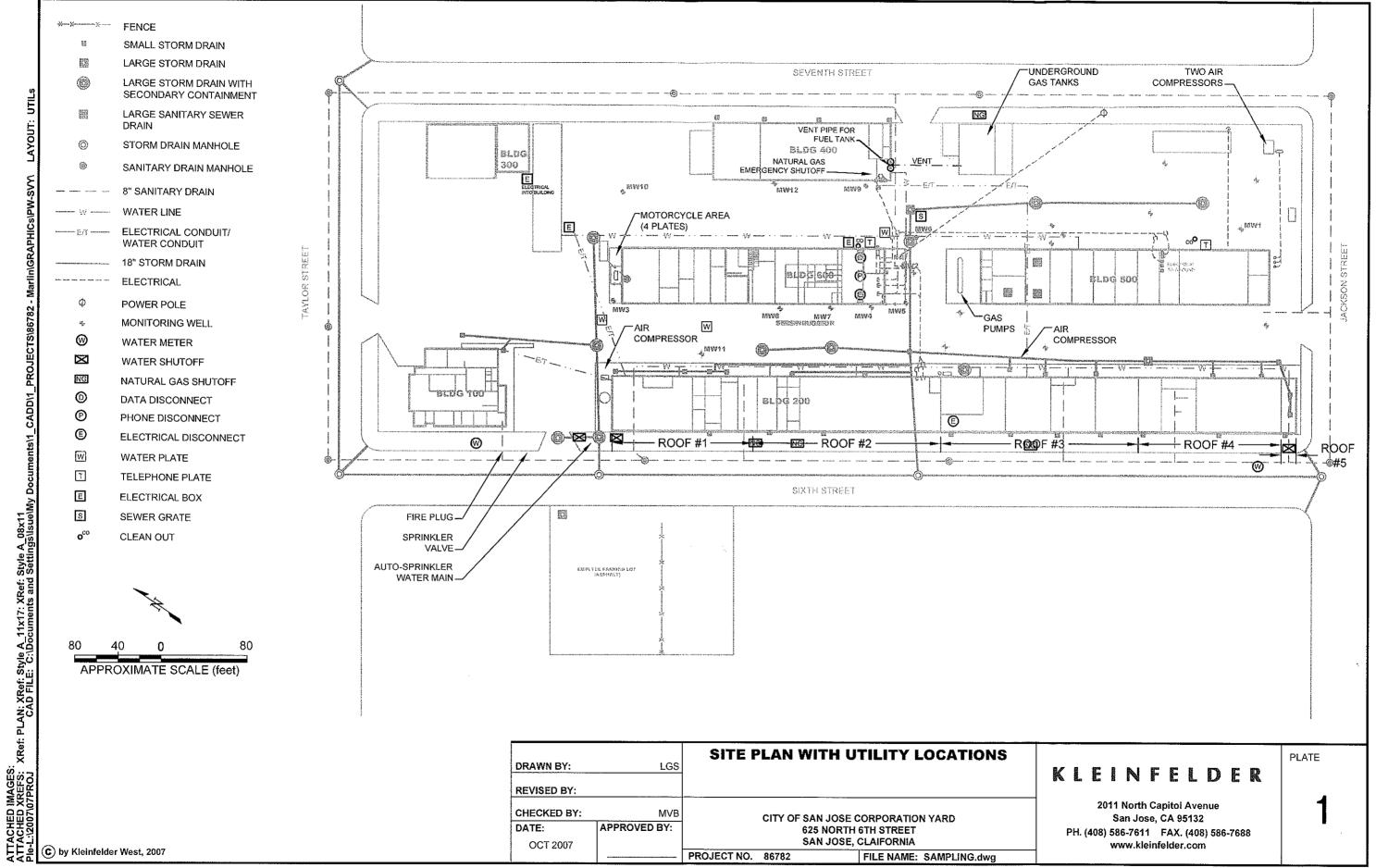
#### 7.0 LIMITATIONS

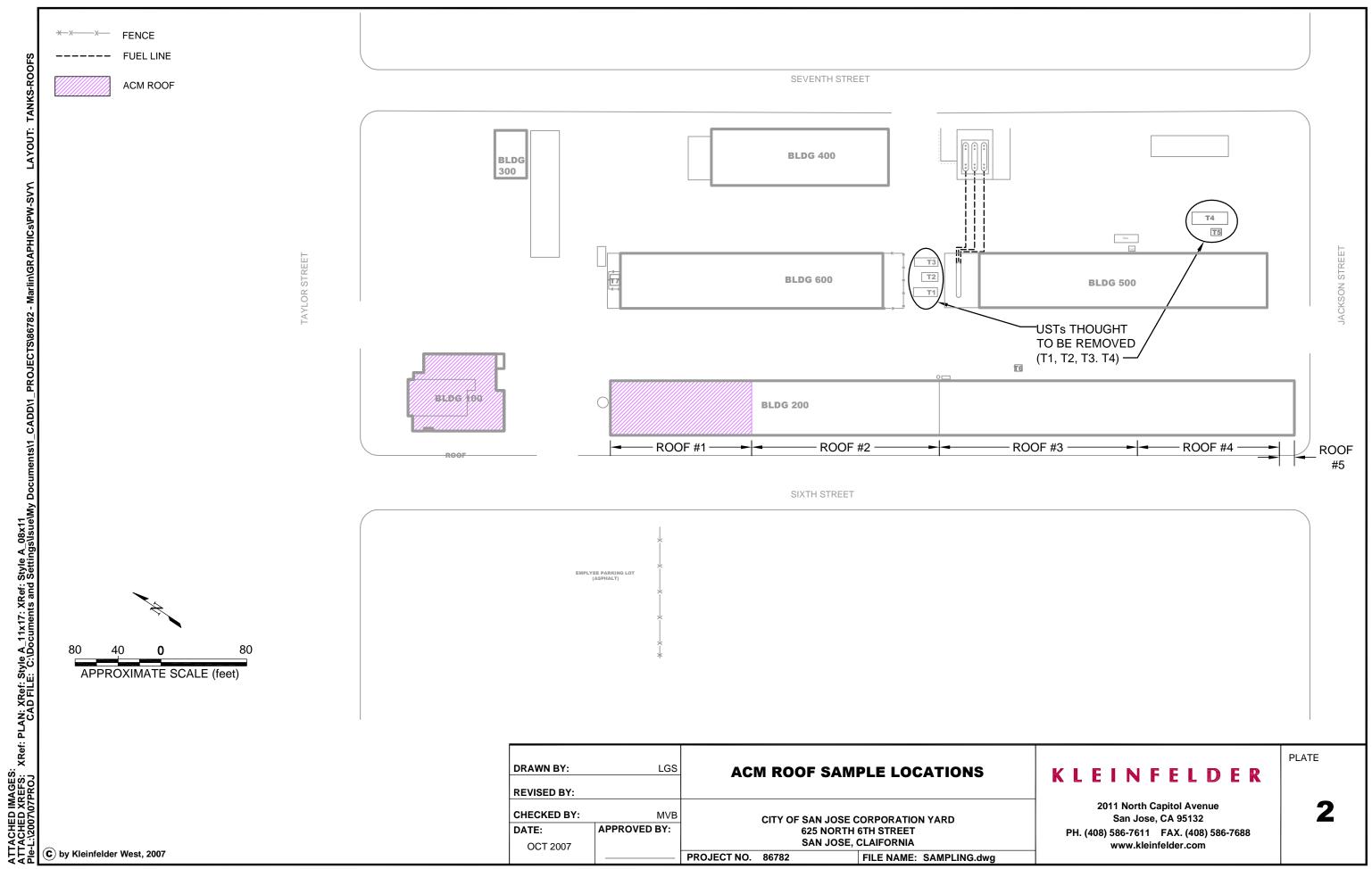
Kleinfelder performed this survey in accordance with generally accepted standards of care practiced by other members of our profession in Northern California at the time the work was completed. The completed survey was limited to the areas sampled and the number of samples collected. Our findings are limited to the conditions and results reported for the time the survey was completed. No warranty, expressed or implied, is made.

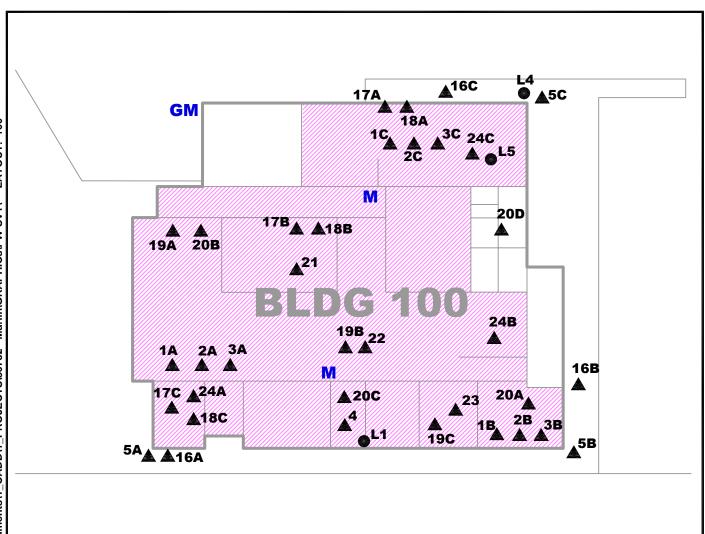
Estimated quantities of potentially hazardous materials have been provided as rough estimates only, and have been based upon field measurements obtained during the course our asbestos survey. The findings of this hazardous materials survey report are not intended to be used as hazardous materials abatement specifications, and should not be used as such.

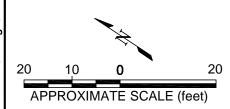
The scope of services described here is not intended to be inclusive, to identify all potential concerns, or to eliminate the possibility of other environmental problems. Within current technology, no level of assessment can show conclusively that a property or its structures are completely free of hazardous substances. Therefore, Kleinfelder cannot offer a certification that the property is free of environmental liability. Kleinfelder will assume no responsibility or liability whatsoever for any claim, loss of property value, damage, or injury which results from pre-existing hazardous materials being encountered or present on the project site, or from the discovery of such hazardous materials. Kleinfelder offers a range of investigative and engineering services to suit the varying needs of our clients. Although risk can never be eliminated, more detailed and extensive investigations yield more information, which may help understand and manage the degree of risk. Since such detailed services involve greater expense, our clients participate in determining the level of service that provides adequate information for their purposes at an acceptable level of risk.











REFERENCES:

Department of Public Works, City of San Jose, "Drawing No. CYD-252," dated Mar 14, 1960;

- "Grading Plan," dated May 24, 2005;
- "Site Plan," dated Mar 23, 1989;
- "Partial Site Plan," dated Apr 16, 1986; "Electrical Site Plan, Utility Plan & Details,"
- dated Jul 7, 1977

(C) by Kleinfelder West, 2007

#### **LEGEND**

- LEAD SAMPLE LOCATION
- ASBESTOS SAMPLE LOCATION
- NO ACM, VFT OR MASTIC
- VFT, ACM, AND BLACK MASTIC UNDER CARPET OR SHEET VINYL
- MERCURY SWTCH

GM **GAS METER** 

NOTE: Locations are approximate.

# INFELDER

2011 North Capitol Avenue San Jose, CA 95132 PH. (408) 586-7611 FAX. (408) 586-7688 www.kleinfelder.com

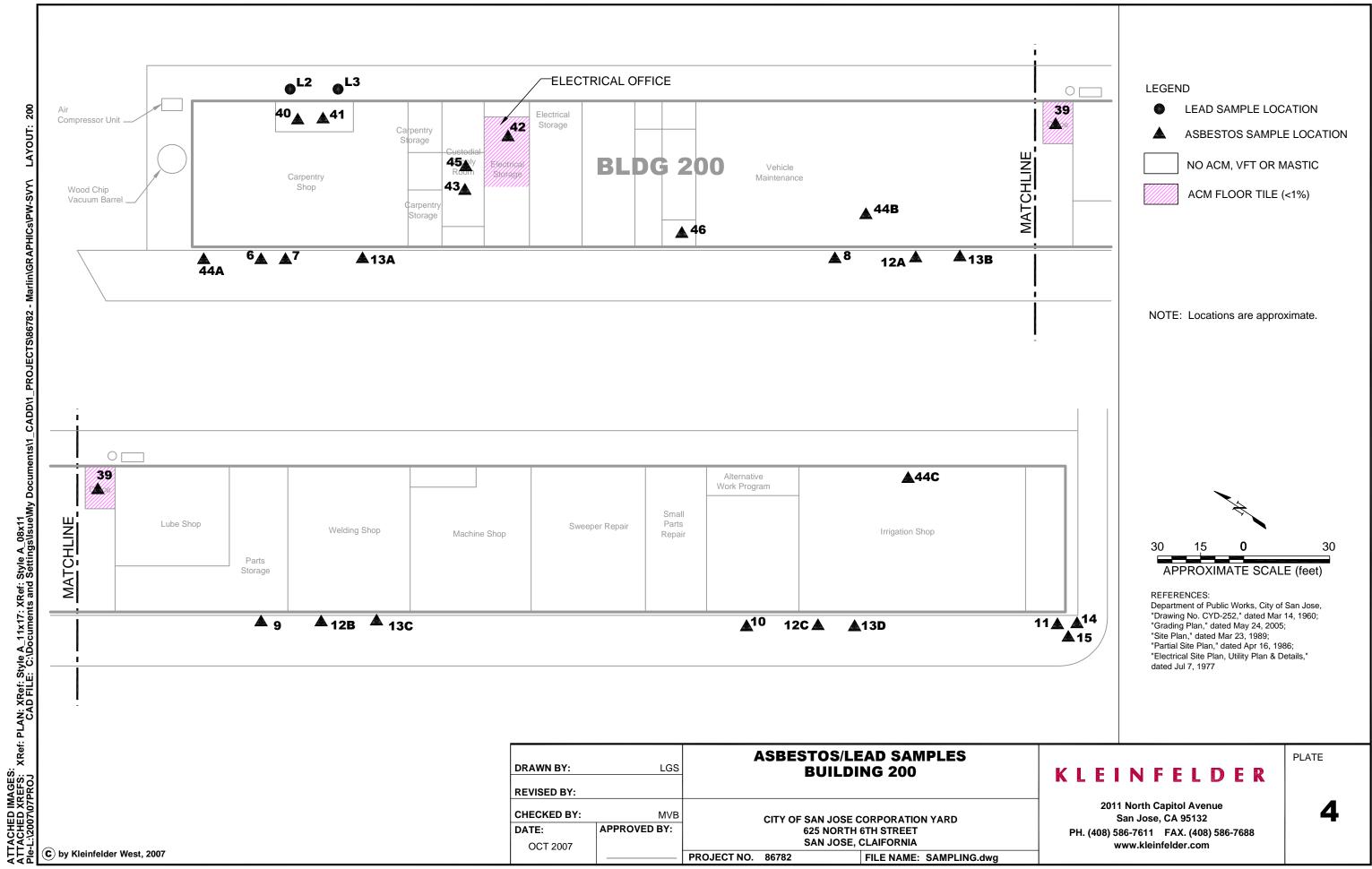
DRAWN: OCT 2007 APPROVED BY:

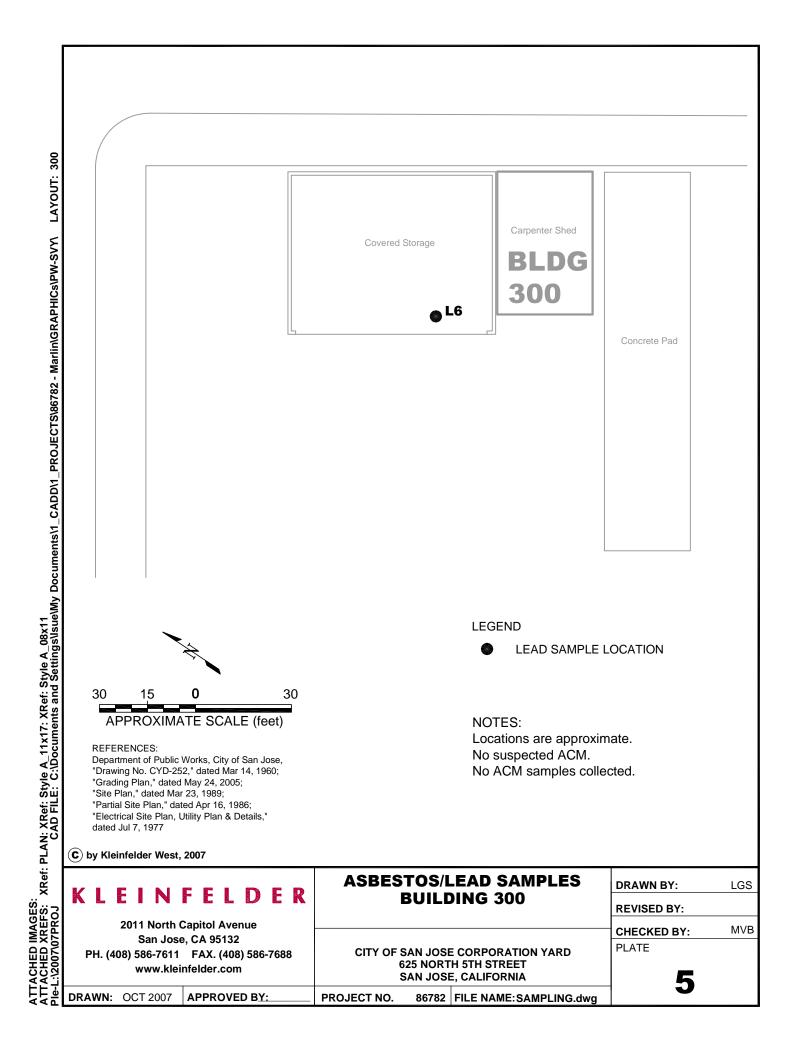
## ASBESTOS/LEAD SAMPLES **BUILDING 100**

CITY OF SAN JOSE CORPORATION YARD **625 NORTH 5TH STREET** SAN JOSE, CALIFORNIA

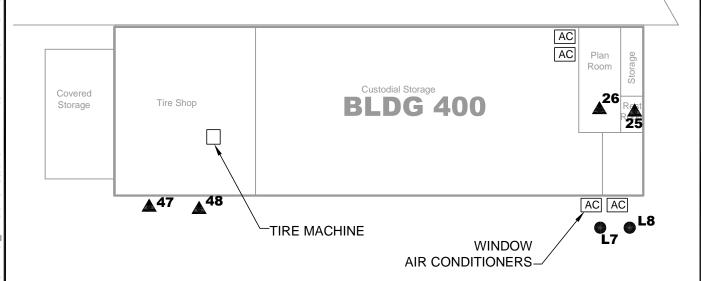
PROJECT NO. 86782 FILE NAME: SAMPLING.dwg

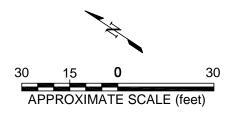
DRAWN BY:	LGS
REVISED BY:	
CHECKED BY:	MVB











#### REFERENCES:

Department of Public Works, City of San Jose, "Drawing No. CYD-252," dated Mar 14, 1960;

- "Grading Plan," dated May 24, 2005;
- "Site Plan," dated Mar 23, 1989;
- "Partial Site Plan," dated Apr 16, 1986;
- "Electrical Site Plan, Utility Plan & Details," dated Jul 7, 1977

## **LEGEND**

- LEAD SAMPLE LOCATION
- ASBESTOS SAMPLE LOCATION

#### NOTES:

Locations are approximate. No suspected ACM.

No ACM samples collected.

(C) by Kleinfelder West, 2007

### NFELDER

2011 North Capitol Avenue San Jose, CA 95132 PH. (408) 586-7611 FAX. (408) 586-7688 www.kleinfelder.com

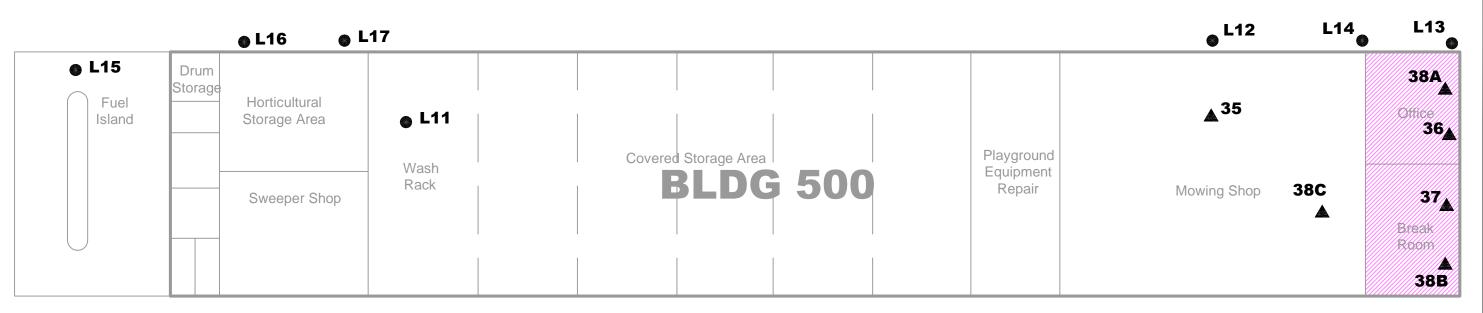
DRAWN: OCT 2007 APPROVED BY:

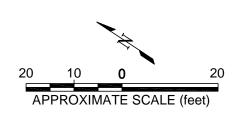
#### ASBESTOS/LEAD SAMPLES **BUILDING 400**

CITY OF SAN JOSE CORPORATION YARD **625 NORTH 5TH STREET** SAN JOSE, CALIFORNIA

PROJECT NO. 86782 FILE NAME: SAMPLING.dwg

**DRAWN BY:** LGS **REVISED BY:** MVB **CHECKED BY: PLATE** 6





REFERENCES: Department of Public Works, City of San Jose, "Drawing No. CYD-252," dated Mar 14, 1960; "Grading Plan," dated May 24, 2005;
"Site Plan," dated Mar 23, 1989; "Partial Site Plan," dated Apr 16, 1986; "Electrical Site Plan, Utility Plan & Details," dated Jul 7, 1977

#### **LEGEND**

LEAD SAMPLE LOCATION

ASBESTOS SAMPLE LOCATION

NO ACM, VFT OR MASTIC

ACM FLOOR TILE

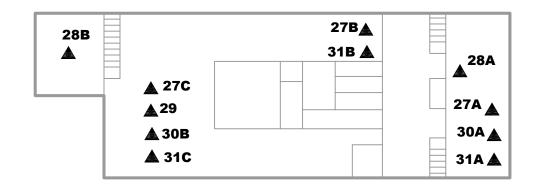
NOTE: Locations are approximate.

DRAWN BY:	LGS	,	ASBESTOS/LE BUILDI	EAD SAMPLES NG 500
CHECKED BY:  DATE:	MVB APPROVED BY:		CITY OF SAN JOSE C 625 NORTH SAN JOSE,	
OCT 2007		PROJECT NO.		FILE NAME: SAMPLING.dwg

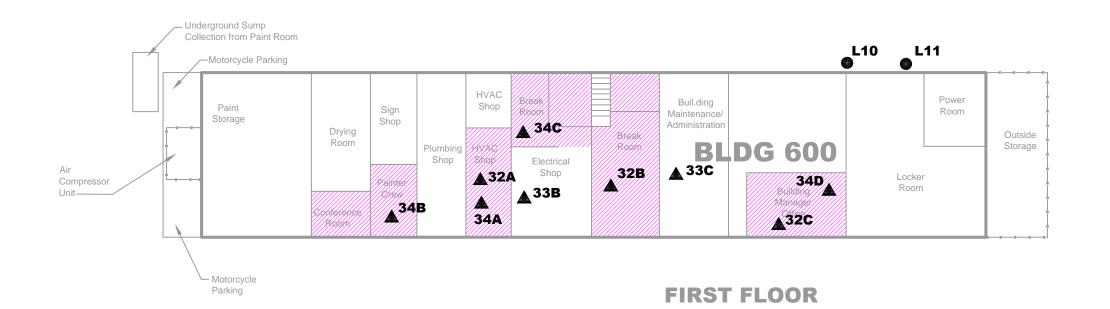
### KLEINFELDER

2011 North Capitol Avenue San Jose, CA 95132 PH. (408) 586-7611 FAX. (408) 586-7688 www.kleinfelder.com

PLATE



#### **SECOND FLOOR**



#### LEGEND

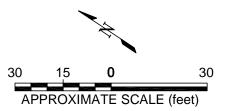
LEAD SAMPLE LOCATION

▲ ASBESTOS SAMPLE LOCATION

NO ACM, VFT OR MASTIC

ACM FLOOR TILE (<1%)

NOTE: Locations are approximate.



#### REFERENCES:

Department of Public Works, City of San Jose, "Drawing No. CYD-252," dated Mar 14, 1960;

"Grading Plan," dated May 24, 2005;

"Site Plan," dated Mar 23, 1989; "Partial Site Plan," dated Apr 16, 1986;

"Electrical Site Plan, Utility Plan & Details,"

dated Jul 7, 1977

DRAWN BY:	LGS		ASBESTOS/LE BUILDI	AD SAMPLES NG 600			
REVISED BY:							
CHECKED BY:	MVB		CITY OF SAN JOSE C	ORPORATION YARD			
DATE:	APPROVED BY:		625 NORTH				
OCT 2007		SAN JOSE, CLAIFORNIA					
		PROJECT NO.	86782	FILE NAME: SAMPLING.dwg			

### KLEINFELDER

2011 North Capitol Avenue San Jose, CA 95132 PH. (408) 586-7611 FAX. (408) 586-7688 www.kleinfelder.com

8

PLATE

PLOTTED: 08 Oct 2007, 8:36am, Isue

# **TABLES**

Table 1
Summary Of Asbestos Building Materials Survey Results
696 N. Sixth Street, San Jose

Sample Date: August 20, 2007

Sample No.	L Bldg	Sample ocation Area	Sample Description	Asbestos (chrysolite) Content	Condition / Friability	Area (sf)
	No.		White rock			
1 A	100	Roof NW Top Layer	asphalt rolled roofing over felt paper, yellow insulation	Tar – ND Roof Felt - ND 3 layers	NF	
1 B	100	Roof S Top Layer	White rock asphalt rolled roofing over felt paper, yellow insulation	Tar – ND Roof Felt - ND 3 layers	NF	
1 C	100	Roof E Top Layer	White rock asphalt rolled roofing over felt paper, yellow insulation	Tar - ND Roof Felt Layers 1,2 ND Layer 3 - 60%	NF	5,000
2 A	100	Roof NW Bottom Layer	Black tar and 3 layers felt paper	Tar – ND Roof Felt 60%	NF	
2 B	100	Roof S Bottom Layer	Black tar and 3 layers felt paper	Tar – ND Roof Felt 60%		
2 C	100	Roof E Bottom Layer	Black tar and 3 layers felt paper	Tar – ND Roof Felt ND	NF	
3 A,B,C	100	Roof – Penetrations NW, S, E	Gray/black penetration mastic	Roof Mastic 10%	NF	
4 A,B,C	100	AC Duct West	Gray paint, mastic, tape on metal	ND/ND/ND	NF	1,000
5 A,B,C	100	Exterior Walls NW, SW, SE	Gray paint, white skimcoat, concrete	ND/ND/ND	NF	2,000

Sample		Sample ocation	Sample	Asbestos	Condition /	Area
No.	Bldg No.	Area	Description	(chrysolite) Content	Friability	(sf)
6	200	Roof #1 Top Layer North	White rock asphalt rolled roofing over black felt	NÐ/ND	NF	8,000
7	200	Roof #1 Bottom Layer North	White rock asphalt rolled roofing over 3 felt layers	Roofing -60% Felt L1-3 60% Silver Paint- 2%	NF	Í
8	200	Roof #2 - All	White rock asphalt rolled roofing (2 layer) over 3 felt layers	ND	NF	8,000
9	200	Roof #3 - All	White rock asphalt rolled roofing over black felt	ND/ND	NF	8,000
10	200	Roof #4 All	White rock asphalt rolled roofing over black felt	ND/ND	NF	8,000
11	200	Roof #5 (lowest)	White rock asphalt rolled roofing (2 layers)	ND/ND	NF	200
12A	200	Parapet R#1 and north parapet only of R#2	Black/gray mastic	5%	NF	400
12B	200	Parapet R#3	Black/gray mastic	ND	NF	350
12C	200	Parapet R#4	Black/gray mastic	ND	NF	350
13 A,B,C,D	200	Roof Penetrations R#1, R#2, R#3, #R4	Black/gray mastic	R1-R4 10%	NF	200
14	200	Roof #5 AC Duct Seam	Black/gray mastic	10%	NF	50
15	200	Roof #5 Flex Duct Seams	Black/gray mastic	10%	NF	100

Sample		Sample ocation	Sample	Asbestos	Condition /	Area
No.	Bldg No.	Area	Description	(chrysotile) Content	Friability	(sf)
16 A,B,C	100	Window Putty (NW, S, E)	Window putty	ND/ND/ND	NF	20 ea.
17 A,B,C	100	Baseboard Mastic (E, C, NW)	Brown mastic	ND/ND/ND	NF	NA
18 A,B,C	100	Walls (E, C, NW)	Drywall/Joint Compound/Pain t	ND/ND/ND	NF	NA
19A	100	Electric Room Floor Tile Under Carpet		Tile - 7% Mastic - ND		
19B	100	Main Room Floor Tile Under Carpet	Floor tile with black mastic	Tile - 7% Mastic 10%	NF	
19C	100	Dining Room Floor Tile Under Carpet		Tile - 5% Mastic - ND		4,000
20A	100	Kitchen Floor		Sheet Vinyl & Backing - ND Tile - 2% Mastic - ND		1,000
20B	100	North Entry Floor	Gray sheet vinyl over vinyl floor tile with black mastic	Sheet Vinyl & Backing - ND Floor Tile 2% Mastic – 10%	NF	
20C	100	Men's Room Floor		Sheet Vinyl & Backing - ND Floor Tile 2% Mastic - ND		
20D	100	Women's Restroom Floor	Gray sheet vinyl with no tile under	Sheet Vinyl & Backing – ND/ND	NF	200
21	100	Ceiling Conference Room	White textured 2x4 tile	ND	F	400
22	100	Ceiling Main Area	White smooth 2x4 tile	ND	F	2,500

Sample :		Sample ocation	Sample	Asbestos	Condition /	Area
No.	Bldg No.	Area	Description	(chrysotile) Content	Friability	(sf)
23	100	Ceiling Dining Room	Brown tile (12 in.) with brown mastic	ND/ND	F	260
24 A,B,C	100	Ceiling NW, SW, E	White texturing	ND/ND/ND	F	3,000
25	400	Restroom Floor	White pebble sheet vinyl	ND	F	40
26	400	Conference Room	Brown fibrous 12 inch ceiling tile with brown mastic	ND/NĐ	NF	200
27 A,B,C	600	Second Floor Walls (S, C, N)	White paint, joint compound and drywall	ND/ND/ND	NF	1,500
28 A,B	600	Second Floor (S, N)	White 12 inch vinyl floor tile with brown adhesive	ND/ND	NF	1,000
29	600	Second Floor (Center)	Brown 12 inch vinyl floor tile with clear adhesive	ND/ND	NF	800
30 A,B	600	Second Floor Ceiling (S, N)	2x4 Acoustic ceiling tile	ND	F	2,000
31 A,B,C	600	First Floor Base Board (S, C, N)	Brown adhesive	ND/ND/ND	NF	300
32 A,B,C	600	First Floor Ceiling Tile (BMA, C, N)	4x2 Acoustic ceiling tile	ND/ND/ND	F	2,000
33 A,B,C	600	First Floor Walls (Paint room, C, S)	White paint, joint compound and drywall	ND/ND/ND	NF	2,000
34 A,B,C,D	600	First Floor (HVAC, PBR/CR, EL, BMO)	12-inch tan vinyl floor tile with mastic	Tile – Trace Mastic - ND	NF	2,000
35	500	Ceiling of Mower Shop	2x4 Acoustic Ceiling tile	ND	F	1,000
36	500	Mower Shop Office Floor	12 inch Brown vinyl floor tile and yellow mastic	Tile – 2% Mastic – ND	NF	500

Sample		Sample .ocation	Sample	Asbestos	Condition /	Area
No.	Bldg No.	Area	Description	(chrysotile) Content	Friability	(sf)
37	500	Mower Shop Break Room Floor	12-inch brown vinyl floor tile and brown mastic	Tile – 5% Mastic – ND	NF	100
38 A,B,C	500	Interior Walls Mower Shop Office and Break Room	White paint, joint compound and drywall	ND/ND/ND	NF	1,000
39	200	Vehicle Maintenance Office Floor	12-inch black vinyl floor tile over tan tile with yellow mastic	Black Tile – ND Mastic – ND Tan Tile – 2%	NF	240
40	200	Carpenter Kitchen Ceiling	Brown mastic on tan 12 inch ceiling tile	ND	NF	100
41	200	Carpenter Kitchen Floor	9-inch green vinyl floor tile with brown mastic	ND/ND	NF	70
42	200	Electrical Office Floor	9-inch tan vinyl floor tile on black paper	Tile – 5% Paper - ND	NF	200
43	200	Custodial storage Floor	Marble vinyl floor tile with yellow mastic	ND/ND	NF	600
44 A,B,C	200	Window Putty (NW, W, SE)	Window putty	ND/ND/ND	NF	40
45	200	Custodial storage wall	Beige paint, joint compound and drywall	ND/ND/ND	NF	500
46	200	Vehicle Maintenance	Pink vinyl floor tile with yellow mastic	ND/ND	NF	150
47	400	Roof	White rock asphalt roofing and felt over another layer of same	ND/ND	NF	9,900
48	400	Roof	Gray black mastic	ND	NF	50

All samples collected were noted in good condition NF =Not Friable F= Friable

ND = Not Detected

TABLE 2
SUMMARY OF LEAD-BASED PAINT SURVEY RESULTS
PROPOSED RENOVATION AREAS

Sampling Date: August 20, 2007

Sampl	Sample	Location		Lead		
e No.	Bldg No.	Area	Sample Description	Content (ppm)	Condition	
L1	100	Roof Parapet	Gray paint on wood	80	Intact	
L2	200	Exterior Wall	Beige paint on concrete	12,000	Intact	
L3	200	Exterior Metal Framed Blower	Yellow paint on metal	24,000	Intact	
L4	100	Exterior Trim	Turquoise paint on wood	18,000	Intact	
L5	100	Interior Ceiling	Beige paint on drywall	<60	Intact	
L6	300	Covered Storage Beams	Red paint on steel	19,000	Intact	
L7	400	Exterior Wall	Yellow paint on cement block	23,000	Intact	
L8	400	Inter Office Wall	White paint on wood paneling	1,800	Intact	
L9	600	Exterior Door	Orange paint on white on metal	230	Intact	
L10	600	Exterior Door Frame	Light blue paint on red paint on steel	22,000	Intact	
L11	500	Covered Storage on North Wall	White paint over yellow paint on cinder block	6,600	Intact	
L12	500	Light Shop N. Ext Door Frame	Beige paint on metal	310	Intact	
L13	500	Exterior Gutter	Red paint on metal	24,000	Damaged	
L14	500	Exterior Eaves	White paint on metal	150	Damaged	
L15	500	Exterior Awning Support Beam	Red and yellow paint on steel	38,000	Intact	
L16	500	Exterior Door Frame	White paint on metal	12,000	Intact	
L17	500	Exterior Door	Yellow paint on metal	13,000	Intact	

ppm = parts per million

#### **APPENDIX A**

### SITE PLAN AND AERIAL PHOTOGRAPH



#### **APPENDIX B**

#### ASBESTOS CHAIN OF CUSTODY FORMS AND LABORATORY ANALYSIS RESULTS

					Analysis f	Request Fo	rm	17	6	
Client Name & A	Address:			Pur	chase Order # :	None	Date	: 8	20 1200	
Kleinfe	elder, Inc.				n Around Time: R			<del>-</del>		
981 Ga	rcia, Suite A	4			e Date:		Time:		<i>/</i>	
Pittsbu	ırg, CA 9450	65			PLM: Asbestos	Standard		int Count	am/pr	
Contact: Marlin	ı V. Bryanı	t		TEN	TEM Bulk: Asbestos					
Phone #: 925-42	2 <b>7-64</b> 7 7 Fa	.x#: 925	5-427 <b>-</b> 6478							
	85262	-		Nun	nber of Samples:	18		-		
0101	N. SIX	ths	ot, San Jose	Mate	Metals Analysis: Fo	or Lead by Method	AA Flam	e for Le	ad	
Job: SKA Comments: mv	vbryant@kle	<u> Yar</u> einfelde	r.com					-		
Lab ID # (For Lab Use Only)	KI Sample ID #	122	Sample Location		Sampl	e Description		Friable	Estimated Quantity	
	PI 6	Roof	Toplayer NW		whiterack As Robfing over	Felt Haper		Intact	AII	
	-2B		Bollomlager SW	. \	Blackfar au felt paper	nd 3 leyers		1	AII	
	-3 B		penetrations A	W	gray blacks	<u> </u>			500	
	-4	1	ACDuet 1	J	gray paint	, mastic, to	rpe		1,000	
· ·	5 B	100	Exterior Nu Walls SE		graypaint,	whole concrde		<u> </u>	All	
	6	200	Roof 1 top large North Section	100	white rocks rephaltally	over Blackf	et			
	7	200	1 Bollon	~		3 felt	.5			
	8	200	Roofa All		2 layer	31071				
	9	200	Roof3			<b>1</b>		_		
	W	200	Roof4		1					
Sampled by:	Marlin Bry	ant					<u> </u>		<del></del>	
hipped via: 🗖 Fed	d Ex 🗆 Airl	borne	UPS US Mail		Courier <b>P</b> Drop	Off 🗇 Other	:			
elinquished by: Ma	arlin Bryant	19	yest		<del></del>	49 RECEIV		212	107	
ate / Time:	8/20/1	רל	1	Į	Date / Time:	א ק אבטבוי		,		

246

Analysis Request Form

Client Name & A	ddress:			Purc	hase Order # :	None	Date:	8 1	20 /200
Kleinfel	lder, Inc.			Turn	Around Time: R	:USH / 12hr / 24h	r / 48 hr	/ Sanda	ard
981 Gar	cia, Suite A			Due	Date: /	/ 2007 Due	Time:	:	am/pm
Pittsbu	rg, CA 9456	5		<b>9</b> P	LM: Asbestos	☐ Standard	/ 🗖 Poin	t Count	
Contact: Marlin	V. Bryant			TEM	Bulk: Asbestos	Quantitative /	☐ Qualit	:ative / 〔	☐ Chatfield
Phone #: 925-42	7-647 7 Fax	c#: <b>925</b> -	427-6478						
Project Number:	85262	tw9.	ALS	Number of Samples: 10					
Site: 696 N	Sixth	St.,	Sanbse	☐ Me		or Lead by Method	AA Flame	for Lea	ď
Job: SJRA Comments: mv	Corp Y bryant@kle		.com	Watri	X				
Lab ID # (For Lab Use Only)	KI Sample ID#	0.0	Sample Location		Samp	e Description	_   -	riable	Estimated Quantity
Only	11	200	Roof 5 (lowe	st)	Whiterock.	Asphalt Rolled	(S)	ntact	200
	12 8	200	Parapet Roof	<u>2</u> 3	blacklyray	mastic			750
· ·	13 A.	200	Roof Pendrations	1, 2, 3,4				_	200
	14	200	Roof 5 AC Duct Sean						<b>5</b> 0
	15	200	Roof 5 Fley Duct Seams	C	$\downarrow$				100
		27							
		ļ							
·									
Sampled by:	Marlin Brya		. 18-		/				
Shipped via:  Fec	I Ex 🗍 Airl	orne [	UPS US Mail		ourier Dro		: VFD AU	6217	7002
Date / Time:	8/20		<b>Y</b>		ate / Time:	' KEUEI	$ \emptyset $		
		101							

		<u></u>		Analysis	Request Form	3a	56
Client Name & A	Address:			Purchase Order # :	.)	Date: 8 /	20 /200
Kleinfe	elder, Inc.		·	Turn Around Time:	RUSH / 12hr / 24hr / 48		~
981 Ga	ırcia, Suite A	£		Due Date: /	/ 2007 Due Time:		am/pm
Pittsbu	ırg, CA 9456	<i>i</i> 5	<u> </u>	PLM: Asbestos	Standard /		
Contact: Marlin	າ V. Bryant	Ĺ	7	TEM Bulk: Asbestos	Quantitative / 🔲 0	Qualitative / (	☐ Chatfield
Phone #: 925-42	27-647 7 Fa	- x#: <b>925</b>	-427-6478				
	85262		N	Number of Samples:	(39)		
Site: 696 N	. Sixtu	<u>C</u> t	Ca Leo	Metals Analysis:	For Lead by Method AA F	lame for Lea	d
Job: C\D.	Λ Λ	- , 1	1 A	Matrix:			
<u> </u>	かい vbryant@kle		land I	·····			
	<del></del>		1			<del></del>	
Lab ID # (For Lab Use Only)	KI Sample ID #	Blog	Sample Location	Sam	ple Description	Friable	Estimated Quantity
	lb,B,c	ı	Windows Fietly	Brown	whethy	Intact	20ez
	, , , , , , , , , , , , , , , , , , ,		Baseboard East Mastic NW	Brown	Mastic		
	T & g		walls &				
	<del></del>		floormater Elect cartet Rushik	(.CT)	ew/blackmastic		
	20 A.B,		Floors Kit, NEntin	who he	funglover UFT		
	21		ceiling Conference	ce white Ter	xTuned 2XX		
	22		certing Conference Room Center Area Room N	white s	nooth axy		
	23		Room N 1 Kotches	brown t	nasfir		260
-	A B		NW	) white t	externa		
					, <u>,</u> v		
Sampled by:	Marlin Brya		Ma Mariana and an and an and an	_/_		11	
	d Ex □ Airb Iarlin Bryant	borne [	ロ UPS ロ USMail ロ	Courier D Di	rop Off Other:	<del></del>	
Date / Time:	1/201	1			ECEIVED AUG 21 201	07	

				-			•
	· .				Analogia Description	401	•/
Client Name &	Address:		_	Т	Analysis Request Form	_(3)	<u> </u>
Klain	felder, Inc.			Pu	rchase Order #: None D	ate: 8 6	/ 200
			·	Tu	rn Around Time: RUSH / 12hr / 24hr / 48	hr / Stand	ard
981 G	arcia, Suite A	<b>\</b>		Du	e Date: / / 2007 Due Time:	:	am/pr
Pittsb	urg, CA 9456	65		3	PLM: Asbestos	Point Count	
Contact: Marli	n V. Bryant	t		TE	M Bulk: Asbestos 🔲 Quantitative / 🗍 C	tualitative /	☐ Chatfield
Phone #: 925-4	127.647 7 50	v#. Q2#	5-427-6478				
	_			Nui	mber of Samples: (33)	····	<del></del>
Project Number:	029109	. PW	H1-2	_			
Site: 696 N.	Sixth St	٠, 3	on Jose		Metals Analysis: For Lead by Method AA FI	ame for Lea	ıd
Job: <\\\Q4	& Corpu	1		Mat	rix:		
Comments: n	nvbryant@kle	1 1	er.com	L			
		T				<del></del>	Τ
Lab ID # (For Lab Use	KI Sample		Sample Location		Sample Description	Friable	Estimated Quantity
Only)	ID#	Blog	/			Intact	Quantity
	25	40	Restroom Flor		whitepeddle sheetungs	F	40
	24	ı	Conference Room	_	brownfibrous 12 in circlin	NE	722
		V			tile w brown mastic	700	200
	27 B	600	andFL &		whiteparist, joint componed they wall	<b>'</b>	
	28 A	_	2-afl S		Whole Que VFT W	NF	
	a, B		Floor N		brown asheque	~	
	29		CTR		brown lain UFT w		
	2 A		<b>V</b>		of allegue	\\ \\ \	<del> </del>
	30 3		certing 5 and RU N		2x4 acoustic dealing	F	
	31 3		ISTFL FloorBas	٩	Brown adhesul	NF	
	C		Board	Š,		,,,,	
	32 8		1STFL Certing &	7.R	4KQ Aconolic Cerly	F	
.,	32 A B A B A	$\prod$	1 Walls		white paint just (BB)		
	31 A18,		faint Rn, CTR, Floor HUAC,	<u>S</u>	Tak YFT NO masks		
mplad by:	اماع اما	4	V Painter BR, EL, B	MA			
mpled by:	Marlin Brya		Sight !		$(\mathcal{O})$		
ipped via:  Fe	d Ex 🔲 Airb	orne	US Mail		Courier / Drop Off D Other:	·	
inquisned by: N te / Time:	1.7	MA	74		Received by: AJG	8	
si inite.	. احدای	<b>.</b> 1	1	[	Pate / Time: RECEIVED AUG 2 1 2007		

								•	
		•	•						
						Analysis I	Request Form	501	1
	Client Name &	Address:	4/2-72		Pur	rchase Order # :	.\ _	ate: /	/ / 200
	Kleinfe	elder, Inc.	***************************************				RUSH / 12hr / 24hr / 48		
	981 Ga	arcia, Suite A			<u> </u>	e Date: /			<u> </u>
	Pittsbu	ırg, CA 9456	<b>3</b> 5			PLM: Asbestos	/ 2007 Due Time:  Standard /		am/pn
/	Contact: Marlir	n V. Bryant	t		TEN	M Bulk: Asbestos	☐ Quantitative / ☐ Q	lualitative /	☐ Chatfield
	Phone #: 925-42	27-647 7 Fa	x#: <b>925</b>	-427 <b>-</b> 6478					
	Project Number:	85262.	PWF	HLS	Nun	mber of Samples:	(14)		
	Site: 696 N	. Sixth	St.	SanJose		Metals Analysis: Fe	or Lead by Method AA Fla	ame for Lea	ıd
	Job: SIRY	4 (200	Va	-1	Matı	rix:		<u> </u>	
	Comments: my	vbryant@kle	infe de	r.com					
	Lab ID # (For Lab Use Only)	KI Sample ID #	Blok	Sample Location		Sampl	le Description	Friable	Estimated Quantity
		35	500	Ceiling & Mower		2x4 Acous	the Cedyfile	F	
		36	500	Moure Shap Com		1212 Brown	in VFT/wellow	NF	<b>3</b> 00
		37	1	mowerstop Break Room Floor	<b>&gt;⊢</b>	1	Brown Mastic	NF	100
		38 B		Interior MS O Walls perm	erri Et	Wiste pe is	a drywall		
		3939	200	10.1 ( 4 . (		12" Black! tue	Unyl Floor	NF	240
-		4040		Carpenter Kitcher Cerling	ولس	Brown master (Lin cecling		IJF	106
		म्।		Carponder Kitch		greengin Brown M	n VFT W Vasfic	NF	70
		4242		Electrical Offi		Faper	T on Black	F	200
		4)43		Custodial Storag	le	marble UF	Tw yellow	ρt	620
		H448	1	Window Fally NW W SE		window	putly	NF	40
ļ	ampled by: hipped via: □ Fed	<b>Marlin Brya</b> I Ex □ Airb		JUPS DUSMail I	□ c	Courier 🗗 Drog	p Off ⊸∏ Other:		
R	elinquished by: Ma	arlin Bryant	MA	yat -		Received hy:	71161	17 0	
D	ate / Time:	2/20	7016		D	Date / Time: REC	CEIVED AUG 21 200	N 🗢	

					Analysis Requ	est Form	69	6
Client Name &	Address:			T	ase Order#:	_	ate: A	20)12
Kleinf	felder, Inc.				Around Time: RUSH /		hr / Stand	$\stackrel{\sim}{=}$
981 G	arcia, Suite A			Due D		<u></u>		am/
Pittsb	urg, CA 9456	35				Standard /	Point Count	
Contact: Marli	n V. Bryant	t		TEM E	Bulk: Asbestos 🔲 Qu	uantitative / 🔲 Q	ualitative /	☐ Chatfie
Phone #: 925-4			-427-6478			$\overline{a}$		
Project Number:				Numb	er of Samples:	(4)		
Site: 1910 K	J Sinth	54	Son Jose	☐ Me	tals Analysis: For Lead	by Method AA Fla	ame for Lea	d
Job: C \ R	N 4	S		Matrix	:			
33.10	nvbryant@kle		r.com	<u> </u>				
		1					1	T
Lab ID # (For Lab Use Only)	KI Sample ID#		Sample Location		Sample Desc	ription	Friable  Intact	Estima Quant
•	45	Cust	odul Storage		71/2	jornat Mall	III.	Sot
	46	200	Ochule Manten u		PINE VET	el.c	NF	150
	47	400	Roof		white rock as place	Hroofingt er layer		
	1	400	Roof		gray black no	astic		30
					· · · · · · · · · · · · · · · · · · ·			
			<u></u>					
						<del></del>		<u> </u>
								! !
Sampled by:	Marlin Brya	ant					<u> </u>	
			JAPS DUSMail			Other:		
Relinquished by:	Marlin Bryant 🚿	INSTA		Re	ceived by:	DECEIVED	(	X

# Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Kleinfelder Inc Marlin Bryant 981 Garcia Ave, Ste A

981 Garcia Ave, Ste A

Pittsburg, CA 94565

Job ID/Site:

Client ID:

3725

Report Number: Date Received: Date Analyzed: B103016 08/21/07 08/21/07

Date Printed: First Reported:

08/21/07 08/21/07

SJRA Corp Yard - 696 N. Sixth St., San Jose

FASI Job ID:

3725

Date(s) Collected: 08/20/2007					Total Sample Total Sample		1: 28
Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
1A	10673109						
Layer: Black Tar Stones			ND				
Layer: Black Felt			ND				
Layer: Black Tar			.ND				
Layer: Black Felt			ND		-		
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				,
Layer: Black Felt			ND				
Total Composite Values of Fibrous Comp Cellulose (Trace) Fibrous Glass (50 Comment: Bulk complex sample.		sbestos (ND)					
1B	10673110						
Layer: Black Tar Stones			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Comp	onents: A	sbestos (ND)					
Cellulose (Trace) Fibrous Glass (50	%)						
Comment: Bulk complex sample.							
1C	10673111						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt		Chrysotile	60 %				
Total Composite Values of Fibrous Comp Cellulose (30 %) Synthetic (10 %) Comment: Bulk complex sample.	oonents: A	sbestos (12%)					

B103016

Date Printed:

08/21/07

Sample ID	Lab Numb	Asbestos er Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
2A	10673112						
Layer: Black Tar			ND				
Layer: Black Felt		Chrysotile	60 %				
Layer: Black Tar			ND				
Layer: Black Felt		Chrysotile	60 %				
Total Composite Values of Fibrous Con	iponents:	Asbestos (42%)					
Cellulose (10 %) Synthetic (5 %)							
Comment: Bulk complex sample.							
2B	10673113						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND		•		
Layer: Black Tar			ND				
Layer: Black Felt		Chrysotile	60 %				
Total Composite Values of Fibrous Con	iponents:	Asbestos (12%)					
Cellulose (30 %) Synthetic (10 %)							
Comment: Bulk complex sample.							
2C	10673114						
Layer: Black Tar Stones			ND .				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				,
Total Composite Values of Fibrous Con- Cellulose (Trace) Fibrous Glass (50 Comment: Bulk complex sample.	•	Asbestos (ND)					
•							
January Plank Martin	10673115	O1 41	10.07				
Layer: Black Mastic		Chrysotile	10 %				
Total Composite Values of Fibrous Con Cellulose (Trace)	ponents:	Asbestos (10%)					
3B	10673116						
Layer: Black Mastic		Chrysotile	10 %	•			
Total Composite Values of Fibrous Com Cellulose (Trace)	ponents:	Asbestos (10%)					
3C	10673117						
Layer: Black Mastic		Chrysotile	10 %				
Total Composite Values of Fibrous Com	nonents:	Asbestos (10%)					
Cellulose (Trace)	ponomo.	. 20000103 (10 /0)					

B103016

Date Printed:

08/21/07

Sample ID	Lab Numbe	Asbestos r Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
4	10673118						
Layer: Grey Tape Layer: Grey Adhesive			ND ND				
Total Composite Values of Fibrous C Synthetic (55 %)	omponents:	Asbestos (ND)					
5A	10673119						
Layer: Grey Cementitious Material			ND				
Layer: White Non-Fibrous Material			ND				
Layer: Paint		•	ND		•		
Total Composite Values of Fibrous C Cellulose (Trace)	omponents:	Asbestos (ND)					
5B	10673120						
Layer: Grey Cementitious Material			ND				
Layer: White Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous C Cellulose (Trace)	omponents:	Asbestos (ND)					
5C	10673121						
Layer: Grey Cementitious Material			ND				
Layer: White Non-Fibrous Material			ND		•		
Layer: Paint			ND				•
Total Composite Values of Fibrous C Cellulose (Trace)	omponents:	Asbestos (ND)		-			
6	10673122						
Layer: Black Tar Stones			ND				
Layer: Black Felt			ND				
Layer: Black Tar		•	ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt Layer: Black Tar			ND ND				
Layer: Black Far Layer: Black Felt		•	ND ND				
•		4.1.4.2575	עמ				
Total Composite Values of Fibrous Comment: Bulk complex sample.	•	Asbestos (ND)					

Date Printed:

08/21/07

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
7	10673123					·	
Layer: Black Tar			ND				
Layer: Black Felt		Chrysotile	60 %				
Layer: Black Tar			ND				
Layer: Black Felt		Chrysotile	60 %				
Layer: Black Tar			NĐ				
Layer: Black Felt		Chrysotile	60 %				
Layer: Black Tar			ND				
Layer: Black Felt		Chrysotile	60 %				
Layer: Silver Paint		Chrysotile	2 %				
Total Composite Values of Fibrous C	omponents: A	Asbestos (43%)					
Cellulose (10 %)							
Comment: Bulk complex sample.		-					
8	10673124						
Layer: Black Tar Stones			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND			i	
Layer: Black Tar			ND				•
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Luyer: Black Felt			ND				
Total Composite Values of Fibrous C	=	Asbestos (ND)					
Cellulose (5 %) Fibrous Glass (5	0 %)		٠				
Comment: Bulk complex sample.	•					•	
9	10673125	٠					
Layer: Black Tar Stones			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND	•			
Layer: Black Tar			ND				
Layer: Black Felt			NĎ				
Layer: Black Tar			ND				
Layer: Black Felt	•		ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous C	omponents: A	Asbestos (ND)					
Cellulose (5 %) Fibrous Glass (5	0 %)						•
Comment: Bulk complex sample.							

B103016

Date Printed:

08/21/07

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
10	10673126						***
Layer: Black Tar Stones			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Cellulose (5 %) Fibrous Glass (Comment: Bulk complex sample.	•	Asbestos (ND)					
11	10673127						
Layer: Black Tar Stones			ND				
Layer: Black Felt			ND				
Layer: Black Tar Stones			ND				
Layer: Black Felt			ND				-
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Cellulose (55 %) Fibrous Glass Comment: Bulk complex sample.	-	Asbestos (ND)					
12A	10673128						
Layer: Black Mastic	•	Chrysotile	5 %				
Total Composite Values of Fibrous Cellulose (Trace)	Components:	Asbestos (5%)					
12B	10673129						
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Cellulose (20 %) Fibrous Glass	-	Asbestos (ND)					
12C	10673130		NID				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Cellulose (20 %) Fibrous Glass	-	Asbestos (ND)					
13A	10673131						
Layer: Black Mastic		Chrysotile	10 %				
Total Composite Values of Fibrous Cellulose (Trace) Synthetic (5°	•	Asbestos (10%)		,			
13B	10673132						
Layer: Black Mastic	100/3132	Chrysotile	10 %				
Total Composite Values of Fibrous Cellulose (Trace) Synthetic (5	-	Asbestos (10%)	TA ÁB				

Report Number: B103016 Date Printed:

08/21/07

	aci iiic					Dute I I III tou	00,21	0,
Sample ID	Lab	Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
13C	106	73133						
Layer: Black Mastic			Chrysotile	10 %				
Total Composite Val	ues of Fibrous Compone	nts: A	sbestos (10%)					
Cellulose (Trace)	Synthetic (5 %)							
13D	106	73134						
Layer: Black Mastic			Chrysotile	10 %				
Total Composite Val	ues of Fibrous Compone	nts: A	sbestos (10%)					
Cellulose (Trace)	Synthetic (5 %)							
14	. 106	73135						
Layer: Black Mastic			Chrysotile	10 %				
Total Composite Val	ues of Fibrous Compone	nts: A	sbestos (10%)					
Cellulose (Trace)	Synthetic (5 %)							
15	106	73136						
Layer: Black Mastic			Chrysotile	10 %				
Total Composite Val	ues of Fibrous Compone	nts: A	sbestos (10%)					
Cellulose (Trace)	Synthetic (5 %)							

Client Name: Kleinfelder Inc



James Flores, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'. Analytical results and reports are generated by Forensic Analytical at the request of and for the exclusive use of the person or entity (client) named on such report. Results, reports or copies of same will not be released by Forensic Analytical to any third party without prior written request from client. This report applies only to the sample(s) tested. Supporting laboratory documentation is available upon request. This report must not be reproduced except in full, unless approved by Forensic Analytical. The client is solely responsible for the use and interpretation of test results and reports requested from Forensic Analytical. This report must not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. Government. Forensic Analytical is not able to assess the degree of hazard resulting from materials analyzed. Forensic Analytical reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified. All

samples were received in acceptable condition unless otherwise noted.

# Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Kleinfelder Inc Project Manager 981 Garcia Ave, Ste A

Pittsburg, CA 94565

Client ID:

3725. B103015 Report Number: Date Received: Date Analyzed: Date Printed:

First Reported:

08/21/07 08/22/07 08/22/07 08/22/07

					ritsi Kepurte	u; 06/22/0	
Job ID/Site: SJRA Corp Yard - 696 N. Six	th St., San	Jose			FASI Job ID: Total Samples	Submitted:	
Date(s) Collected:					Total Samples	<u>-</u>	22
Sample ID	Lab Numbe	Asbestos r Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
16A	10673083		•				
Layer: Tan Putty Layer: Paint			ND ND				
Total Composite Values of Fibrous Compo Cellulose (Trace)	onents:	Asbestos (ND)					
16B	10673084						
Layer: Tan Putty			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Compo Cellulose (Trace)	onents:	Asbestos (ND)		•			
16C	10673085						-
Layer: Tan Putty			ND				
Layer: Paint			ND				•
Total Composite Values of Fibrous Compo Cellulose (Trace)	onents:	Asbestos (ND)					
17A	10673086						
Layer: Brown Mastic			NĐ				•
Total Composite Values of Fibrous Compo Cellulose (Trace)	onents:	Asbestos (ND)					
17B	10673087						
Layer: Brown Mastic			ND				
Total Composite Values of Fibrous Compo Cellulose (Trace)	onents:	Asbestos (ND)					
17C	10673088						
Layer: Brown Mastic			ND				
Total Composite Values of Fibrous Compo Cellulose (Trace)	onents:	Asbestos (ND)					
	10673089			,			
Layer: White Drywall			ND				
Layer: White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Compo Cellulose (20 %) Fibrous Glass (10 %		Asbestos (ND)					

Date Printed:

08/22/07

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
18B	10673090						
Layer: White Drywall	•		ND				
Layer: White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Comp Cellulose (20 %) Fibrous Glass (10 %		sbestos (ND)					
18C	10673091						
Layer: White Drywall			ND				
Layer: White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Comp Cellulose (20 %) Fibrous Glass (10 %		sbestos (ND)					
19A	10673092						
Layer: Tan Tile		Chrysotile	7 %				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Comp Cellulose (Trace)	oonents: A	sbestos (7%)		,			
19B	10673093						
Layer: Yellow Mastic			ND				
Layer: Tan Tile		Chrysotile	7 %				
Layer: Black Mastic		Chrysotile	10 %				
Total Composite Values of Fibrous Comp Cellulose (Trace)	oonents: A	sbestos (7%)					
19C	10673094						
Layer: Yellow Mastic			ND				
Layer: Off-White Tile		Chrysotile .	5 %				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Comp	onents: A	sbestos (5%)					
Cellulose (Trace)							
20A	10673095		MD				
Layer: Grey Sheet Flooring Layer: Fibrous Backing			ND ND				
Layer: Yellow Mastic			ND				
Layer: White Tile		Chrysotile	2 %				
Layer: Black Mastic		,	ND				
Total Composite Values of Fibrous Comp	onents: A	sbestos (Trace	)		,	,	
Cellulose (20 %) Fibrous Glass (5 %)					÷		
Comment: Bulk complex sample.							•

B103015

Date Printed:

08/22/07

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
20B	10673096						
Layer: Grey Sheet Flooring			ND				
Layer: Fibrous Backing			ND				
Layer: Yellow Mastic			ND				
Layer: Beige Tile		Chrysotile	7 %				
Layer: Black Mastic		Chrysotile	10 %				
Total Composite Values of Fibrous Con Cellulose (20 %) Fibrous Glass (5 % Comment: Bulk complex sample.	* ·	sbestos (2%) c (10 %)					•
20C	10673097						
Layer: Grey Sheet Flooring			ND				
Layer: Fibrous Backing			ND				
Layer: Yellow Mastic			ND				
Layer: White Tile		Chrysotile	2 %				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Con Cellulose (20 %) Fibrous Glass (5 %) Comment: Bulk complex sample.	~	sbestos (Trace c (10 %)	)				
20D	10673098			•			
Layer: Grey Sheet Flooring			ND				
Layer: Fibrous Backing			ND				
Layer: Off-White Mastic			ND				
Total Composite Values of Fibrous Con Cellulose (20 %) Fibrous Glass (5 %	3	sbestos (ND) c (10 %)					
21	10673099						
Layer: Off-White Fibrous Tile			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Con Cellulose (2 %) Fibrous Glass (90 %	•	sbestos (ND)					
22	10673100						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Con Cellulose (35 %) Fibrous Glass (45	•	sbestos (ND)					
23	10673101						
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Layer: Brown Mastic			ND				
Total Composite Values of Fibrous Con Cellulose (90 %)	nponents: A	sbestos (ND)					

B103015

Date Printed:

08/22/07

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
24A	10673102						
Layer: White Skimcoat/Joint Compou	nd		ND		•		
Layer: Paint			ND				
Total Composite Values of Fibrous Co Cellulose (Trace)	omponents: A	sbestos (ND)					
24B	10673103						
Layer: White Skimcoat/Joint Compou	nd		ND		•		
Layer: Paint			ND				
Total Composite Values of Fibrous Co	omponents: A	sbestos (ND)					
Cellulose (Trace)	-						
24C	10673104						
Layer: White Skimcoat/Joint Compou	nd		ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Co Cellulose (Trace)	omponents: A	sbestos (ND)					

Client Name: Kleinfelder Inc



James Flores, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

Analytical results and reports are generated by Forensic Analytical at the request of and for the exclusive use of the person or entity (client) named on such report. Results, reports or copies of same will not be released by Forensic Analytical to any third party without prior written request from client. This report applies only to the sample(s) tested. Supporting laboratory documentation is available upon request. This report must not be reproduced except in full, unless approved by Forensic Analytical. The client is solely responsible for the use and interpretation of test results and reports requested from Forensic Analytical. This report must not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. Government. Forensic Analytical is not able to assess the degree of hazard resulting from materials analyzed. Forensic Analytical reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified. All samples were received in acceptable condition unless otherwise noted.



# Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Kleinfelder Inc Project Manager Client ID: Report Number: B103019

981 Garcia Ave, Ste A Pittsburg, CA 94565		Date Printed	ate Analyzed: 08/23/07				
Job ID/Site: SJRA Corp Yard - 696 N	. Sitxth St., San Jo	ose			FASI Job ID: Total Sample		23
Date(s) Collected:					Total Sample		23
Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
25	10673150						
Layer: Grey Sheet Flooring			ND				
Layer: Fibrous Backing			ND				
Layer: Yellow Mastic Layer: White Non-Fibrous Material			ND ND				
•		-b4 (NIM)	ND				
Total Composite Values of Fibrous Composite Values of Fibrous Glass (1997)		sbestos (ND)					
, ,	,	(10%)					
26 Layer: Tan Fibrous Material	10673151		ND				
Layer: Paint			ND				
Layer: Brown Mastic			ND				•
Total Composite Values of Fibrous Co	omponents: A	sbestos (ND)					
Cellulose (90 %)	r.	,					
27A	10673152						
Layer: White Drywall			ND				
Layer: White Skimcoat/Joint Compou	ind		ND				
Layer: White Fibrous Material	•		ND				
Layer: White Skimcoat/Joint Compou	ınd		ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Co	-	sbestos (ND)	,		•		
Cellulose (20 %) Fibrous Glass (3	•						
27B	10673153						
Layer: White Drywall	and.		ND ND				
Layer: White Skimcoat/Joint Compou Layer: White Fibrous Material	DHI		ND ND				
Layer: White Skimcoat/Joint Compou	ınd		ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Co Cellulose (20 %) Fibrous Glass (1	•	sbestos (ND)					

B103019

Date Printed:

08/23/07

Sample II)	Lab Numbe	Asbestos r Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
27C	10673154						
Layer: White Drywall			ND				
Layer: White Skimcoat/Joint Compound			ND			•	•
Layer: White Fibrous Material			ND				
Layer: White Skimcoat/Joint Compound Layer: Paint			ND ND				
		A.L.A. (NT)	עא				
Total Composite Values of Fibrous Com Cellulose (20 %) Fibrous Glass (10	_	Asbestos (ND)		•			
28A	10673155						
Layer: White Tile			ND				
Layer: Brown Mastic.			ND				
Total Composite Values of Fibrous Com Cellulose (Trace)	ponents:	Asbestos (ND)					
28B	10673156						
Layer: White Tile			ND				
Layer: Brown Mastic			ND				
Total Composite Values of Fibrous Com Cellulose (Trace)	ponents:	Asbestos (ND)					
29	10673157						
Layer: Brown Tile			ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Fibrous Com- Cellulose (Trace)	ponents:	Asbestos (ND)					
30A	10673158						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Com Cellulose (35 %) Fibrous Glass (45	-	Asbestos (ND)			•		
30B	10673159						
Layer: Beige Fibrous Material	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Com Cellulose (35 %) Fibrous Glass (45		Asbestos (ND)					
31A	10673160						
Layer: Brown Mastic	10075100		NĐ				
Total Composite Values of Fibrous Com	nonente	Asbestos (ND)	112				
Cellulose (Trace)	ponents.	Asucsius (IVD)					,
31B ·	10673161						
Layer: Brown Mastic	100/3101		ND				
-		Ashanta - (NID)	Νυ				
Total Composite Values of Fibrous Com Cellulose (Trace)	ponents:	Asbestos (ND)				·	

Date Printed:

08/23/07

Sample ID	Lab Numbe		Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
31C	10673162						
Layer: Brown Mastic			ND				
Total Composite Values of Fibrous Com Cellulose (Trace)	ponents:	Asbestos (ND)					
32A	10673163						
Layer: Beige Fibrous Material Layer: Paint			ND ND				
Total Composite Values of Fibrous Com Cellulose (35 %) Fibrous Glass (45		Asbestos (ND)					
32B	10673164						
Layer: Beige Fibrous Material Layer: Paint			ND ND				
Total Composite Values of Fibrous Com Cellulose (35 %) Fibrous Glass (45	-	Asbestos (ND)					
32C	10673165						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Com Cellulose (35 %) Fibrous Glass (45	•	Asbestos (ND)			·		
33A	10673166	•					•
Layer: White Drywall			ND				
Layer: Off-White Skimcoat/Joint Compo	ound		ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Com Cellulose (20 %) Fibrous Glass (10	•	Asbestos (ND)					·
33B	10673167						
Layer: White Drywall			ND				
Layer: Off-White Skimcoat/Joint Compo	ound	•	ND				
Layer: Off-White Fibrous Material  Layer: White Skimcoat/Joint Compound			ND ND	-			
Layer: Wille Skirkoar John Compound Layer: Paint		•	ND				
Total Composite Values of Fibrous Com Cellulose (20 %) Fibrous Glass (10	=	Asbestos (ND)	112				
	ŕ						
33C Layer: White Drywall	10673168	-	ND				
Layer: Off-White Skimcoat/Joint Compo	und		ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Com Cellulose (20 %) Fibrous Glass (10	=	Asbestos (ND)					
34A	10673169						
Layer: Tan Tile Layer: Yellow Mastic		Chrysotile	Trace ND				
Total Composite Values of Fibrous Com Cellulose (Trace)	ponents:	Asbestos (Trace)					

B103019

Date Printed:

08/23/07

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
34B	10673170						
Layer: Tan Tile Layer: Yellow Mastic	•	Chrysotile	Trace ND				
Total Composite Values of Fibrous Comp Cellulose (Trace)	onents: A	sbestos (Trace)	)				
34C	10673171						
Layer: Tan Tile Layer: Yellow Mastic		Chrysotile	Trace ND				
Total Composite Values of Fibrous Comp Cellulose (Trace)	onents: A	sbestos (Trace)	1				
34D	10673172	•					
Layer: Tan Tile Layer: Yellow Mastic		Chrysotile	Trace ND				
Total Composite Values of Fibrous Comp Cellulose (Trace)	onents: A	sbestos (Trace)	ı				

Client Name: Kleinfelder Inc



James Flores, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'. cal results and reports are generated by Forensic Analytical at the request of and for the exclusive use of the person or entity (client) named on such report

Analytical results and reports are generated by Forensic Analytical at the request of and for the exclusive use of the person or entity (client) named on such report. Results, reports or copies of same will not be released by Forensic Analytical to any third party without prior written request from client. This report applies only to the sample(s) tested. Supporting laboratory documentation is available upon request. This report must not be reproduced except in full, unless approved by Forensic Analytical. The client is solely responsible for the use and interpretation of test results and reports requested from Forensic Analytical. This report must not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. Government. Forensic Analytical is not able to assess the degree of hazard resulting from materials analyzed. Forensic Analytical reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified. All samples were received in acceptable condition unless otherwise noted.

# Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Kleinfelder Inc Project Manager 981 Garcia Ave, Ste A

Pittsburg, CA 94565

Client ID:

3725 B103020

Report Number: Date Received: Date Analyzed:

08/21/07 08/23/07

Date Printed: First Reported: 08/23/07 08/23/07

					rust Keporte	<b>u.</b> 00/25/0	) t
Job ID/Site: SJRA Corp Yard - 696 N. Six	th St., San Jo	ose			FASI Job ID:	3725	
Date(s) Collected:			Total Sample Total Sample		18 18		
Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
35	10673173						
Layer: Beige Fibrous Material Layer: Paint		-	ND ND				
Total Composite Values of Fibrous Compo Cellulose (35 %) Fibrous Glass (45 %		Asbestos (ND)					
36	10673174						
Layer: Tan Tile Layer: Yellow Mastic		Chrysotile	2 % ND	-			
Total Composite Values of Fibrous Compo Cellulose (Trace)	onents: A	Asbestos (2%)					
37	10673175						
Layer: Tan Tile		Chrysotile	5 %				
Layer: Yellow Mastic			ND				
Total Composite Values of Fibrous Compo Cellulose (Trace)	onents: A	Asbestos (5%)					
38A	10673176					•	
Layer: White Drywall			ND				
Layer: White Skimcoat/Joint Compound			ND				
Layer: Paint		•	ND				
Total Composite Values of Fibrous Compo Cellulose (20 %) Fibrous Glass (10 %		Asbestos (ND)					
38B	10673177						
Layer: White Drywall			ND				
Layer: White Skimcoat/Joint Compound			ND				
Layer: Tan Fibrous Material			ND				
Layer: White Skimcoat/Joint Compound Layer: Paint			ND ND				
Total Composite Values of Fibrous Compo Cellulose (20 %) Fibrous Glass (10 %		Asbestos (ND)	112				

B103020

Date Printed:

08/23/07

					Date Filliteu;	ادِ2/00	· · · · · · · · · · · · · · · · · · ·
Sample ID	Lab Numbe	Ásbestos r Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
38C	10673178						
Layer: White Drywall			ND	:			
Layer: White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Comp	onents:	Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (10 %	6)						
39	10673179						
Layer: Black Tile		•	ND				
Layer: Yellow Mastic			ND				
Layer: Tan Tile		Chrysotile	2 %				
Total Composite Values of Fibrous Comp Cellulose (Trace)	oonents:	Asbestos (Trace)	)				
40	10673180						
Layer: Tan Fibrous Material	.00/5/100		ND				
Layer: Paint			ND		•		
Layer: Brown Mastic			ND				
Total Composite Values of Fibrous Comp	onents:	Asbestos (ND)					
Cellulose (90 %)		Assesses (11D)					
41	10673181						
Layer: Blue Tile Layer: Yellow Mastic			ND ND				
Total Composite Values of Fibrous Comp Cellulose (Trace)	onents:	Asbestos (ND)					
42	10673182						
Layer: Tan Tile		Chrysotile	5 %				
Layer: Black Mastic	,	•	ND				
Total Composite Values of Fibrous Comp Cellulose (Trace)	onents:	Asbestos (5%)					
43	10673183						
Layer: Tan Tile	10013103		ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Fibrous Comp	onents:	Asbestos (ND)					
Cellulose (Trace)							
44A	10673184						
Layer: Grey Putty			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Comp Cellulose (Trace)	onents:	Asbestos (ND)					
44B	10673185		•				
Layer: Grey Putty			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Comp Cellulose (Trace)	onents:	Asbestos (ND)					

Date Printed:

08/23/07

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
44 <i>C</i>	10673186						
Layer: Grey Putty			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Comp Cellulose (Trace)	ponents: A	Asbestos (ND)					
45	10673187						
Layer: White Drywall	•		ND				
Layer: White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Composite Values of Fibrous Glass (10 %)		Asbestos (ND)					
46	10673188		•				
Layer: Pink Tile			. ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Fibrous Comp Cellulose (Trace)	ponents: A	Asbestos (ND)					
47	10673189						
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Composite Values of Fibrous Composite (20 %) Synthetic (5 %)	ponents: A	Asbestos (ND)					
48	10673190						
Layer: Black Tar Stones			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Comp		Asbestos (ND)					
Cellulose (Trace) Fibrous Glass (45	%)						
Comment: Bulk complex sample.							

Client Name: Kleinfelder Inc



James Flores, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

Analytical results and reports are generated by Forensic Analytical at the request of and for the exclusive use of the person or entity (client) named on such report. Results, reports or copies of same will not be released by Forensic Analytical to any third party without prior written request from client. This report applies only to the sample(s) tested. Supporting laboratory documentation is available upon request. This report must not be reproduced except in full, unless approved by Forensic Analytical. The client is solely responsible for the use and interpretation of test results and reports requested from Forensic Analytical. This report must not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. Government. Forensic Analytical is not able to assess the degree of hazard resulting from materials analyzed. Forensic Analytical reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified. All samples were received in acceptable condition unless otherwise noted.

#### **APPENDIX C**

#### LEAD CHAIN OF CUSTODY FORMS AND LABORATORY ANALYSIS RESULTS

	.7			Analysis Request Form	- 1	200
Client Name &	Address:			Purchase Order#: None	Date: 3 /	20 /200
Kleinfe	elder, Inc.	<del></del>		Turn Around Time: RUSH / 12hr / 24hr /		<del>\</del>
981 Ga	ırcîa, Suite	Α		Due Date: / / 2007 Due Time		
Pittsbu	ırg, CA 945	65	-	PLM: Asbestos Standard / C		am/pm
Contact:	V Deve	4		TEM Bulk: Asbestos	Qualitative /	☐ Chatfield
	V. Bryan	· · · · · · · · · · · · · · · · · · ·		. •		
Phone #: 925-42	~			Number of Samples:		-
Project Number:	<u>8526a</u>	Pw	PALS			
Site: 696 N.	Syth	€	Sambse	Metals Analysis: For Lead by Method AA	Flame for Lea	d .
Job: SJRA	Corp 4	ard		Matrix: Paint	<del></del>	
Comments: m	vbryant@ki	einfelde	er.com		····································	
Lab ID # (For Lab Use Only)	KI Sample ID #	Bldg	Sample Location	Sample Description	Friable	Estimated Quantity
	LI	/00	Roof Parapet	gray on wood	Intact	
	L2	200	ExtenorWall	Beige on concrete		<u></u>
	L3	200	Exterior Metal Francy Blower	2 yellow on motal		
	L4	100	Ext. Torn	tuguese on wood		
	L5	100	interior ceiling	prige paint on		
	16	300	Shed Beans	redonstal	1	
	L7	400	Ext Wall	yellow on cenent		
	L8	1	Inter Office Wall	Wisterpaint on		
	L9	600	Ext Door	orange downitted		
	LO	1	Ext-Doortran	el LT Blue on redom steel		
ampled by:	Marlin Brya	ant	Myst		<u> </u>	
hipped via: Ted		orne (	UPS US Mail	Courier Drop Off, D Other:		
eimquisned by:	arlin Bryant	, Mg	nyted	Received by: RECEIVED AUG 2	2007	
	813010	l 		Date / Time:		

	7) 	••••			Analysis Request Form		240		
Client Name & A	ddress:			Pur	1	Date: 8	120 120		
Kleinfel	der, Inc.			Turn Around Time: RUSH / 12hr / 24hr / 48 hr / Standard					
981 Gar	cia, Suite A	<b>\</b>			Date: / / 2007 Due Time		am/p		
Pittsbur	g, CA 9456	35			PLM: Asbestos				
Contact: Marlin	V. Bryant	<u> </u>		TEN	Bulk: Asbestos 🔲 Quantitative / 🗀	Qualitative /	☐ Chatfield		
Phone #: 925-42	7-647 7 Fa	x#: 92	5-427-6478				Ŀ		
Project Number:	35262	.Pu	DALS	Num	nber of Samples:				
Site: (All N	. Sixth	St	Sandose	(D) N	letals Analysis: For Lead by Method AA F	lame for Le	ad		
Job: SIRA	$\overline{}$	. \	land	Matr	ix: Paint				
Comments: mv	bryant@kle		140.00			,	·		
Lab ID # (For Lab Use Only)	KI Sample ID#	Bloga	Sample Location		Sample Description	Friable	Estimate Quantity		
	1 11	500	Covered Storage		unde overyellow on	Intact	<del> </del>		
		╁╴	Light Shop. N	<u> </u>	beinder black beine on mobil	/ Wast	ļ		
	الما	500	exterior doort	ram	- V	1			
	L13	500	Exterior quitle	۲	ted on model	doning	P		
	L14	500	Exterior Eases		White on nedal				
	L15		Ext Gas Rup Awa Support Bo	_ 1	Red & yellow on steel	what			
	Llb	4	Ext Door Fran	re	Wellow on metal	1			
	LIT	300	Ext Door		Yellow on metal				
			<i>t.</i>						
Sampled by:	Marlin Bry		Mys	<u>_</u>					
Shipped via:  Fed Relinquished by: Ma	Ex 🗖 Air	borne	UPS US Mail		Courier Drop Off Other:				
Date / Time:	را	May.	$\sim$	1	Pate / Time: DECEIVED AUG 21	2007			



# Metals Analysis of Paints

Kleinfelder Inc Marlin V. Bryant 981 Garcia Ave, Ste A

Pittsburg, CA 94565

Client ID:

3725

Report Number: Date Received:

M088163 08/21/07

Date Analyzed:

08/27/07

Date Printed:

08/27/07

First Reported:

08/27/07

Job ID / Site: 85262.PWALS - SJRA Corp Yard, 696 N. Sixth St., San Jose

FASI Job ID:

3725

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
Ll	30295471	Pb	80	mg/kg	60	EPA 3050B/7420
L2	30295472	Pb	12000	mg/kg	700	EPA 3050B/7420
L3	30295473	Pb	24000	mg/kg	600	EPA 3050B/7420
L4	30295474	Pb	18000	mg/kg	600	EPA 3050B/7420
L5	30295475	Pb	< 60	mg/kg	60	EPA 3050B/7420
L6	30295476	Pb	19000	mg/kg	600	EPA 3050B/7420
L7	30295477	Pb	23000	mg/kg	600	EPA 3050B/7420
L8	30295478	Pb	1800	mg/kg	60	EPA 3050B/7420
L9	30295479	Pb	230	mg/kg	60	EPA 3050B/7420
L10	30295480	Pb	22000	mg/kg	700	EPA 3050B/7420
L11	30295481	Pb	6600	mg/kg	400	EPA 3050B/7420
L12	30295482	Pb	310	mg/kg	60	EPA 3050B/7420
L13	30295483	Pb	24000	mg/kg	2000	EPA 3050B/7420
L14	30295484	Pb	150	mg/kg	60	EPA 3050B/7420
L15	30295485	Pb	38000	mg/kg	2000	EPA 3050B/7420
L16	30295486	Pb	12000	mg/kg	600	EPA 3050B/7420
L17	30295487	Pb	13000	mg/kg	600	EPA 3050B/7420

Down Sandrichy

Dave Sandusky, Laboratory Supervisor, Hayward Laboratory

Analytical results and reports are generated by Forensic Analytical at the request of and for the exclusive use of the person or entity (client) named on such report. Results, reports or copies of same will not be released by Forensic Analytical to any third party without prior written request from client. This report applies only to the sample(s) tested. Supporting laboratory documentation is available upon request. This report must not be reproduced except in full, unless approved by Forensic Analytical. The client is solely responsible for the use and interpretation of test results and reports requested from Forensic Analytical. Forensic Analytical is not able to assess the degree of hazard resulting from materials analyzed. Forensic Analytical reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified. Any modifications that have been made to referenced test methods are documented in Forensic Analytical's Standard Operating Procedures Manual. Sample results have not been blank corrected. Quality control and sample receipt condition were acceptable unless otherwise noted.

<sup>\*</sup> The Units for the Reporting Limit (practical quantitation limit) are the same as the Units for the Final Results.

### **APPENDIX D**

### CAL-DHS LEAD HAZARD EVALUATION REPORT

### **LEAD HAZARD EVALUATION REPORT**

Section 1-Date of Lead Hazard Evaluation 3 20	07
Section 2-Type of Lead Hazard Evaluation (Check one box or	ly)
▼ Lead inspection	e inspection
Section 3-Structure Where Lead Hazard Evaluation Was Cor	ducted
Address [number, street, apartment (if applicable)] City L96 N. Sixth St, S	an Jose SantaClara 95113
Construction date (year) of structure (check one box only) structure    Multi-unit building	Single family dwelling  Died facility
	2 Octions Compared for the OC
Section 4-Owner of Structure (if business/agency, list contact p	
Name City of San Jose (Redevelopment	Hagercy), California (408) 535-8500
Address Inumber, street, apartment (if applicable) City  200 East Santa Clara Street	SanJose CA ZIP code 95/13
Section 5-Results of Lead Hazard Evaluation (Check one box	only)
☐ No lead-based paint detected.	
	ures outlined in Title 17, California Code of Regulations, Division 1 his lead inspection. This structure is found to be lead-based paint
No lead hazards detected  Lead hazard evaluation was conducted following the p Division 1, Chapter 8. No lead hazards were detected	rocedures outlined in Title 17, California Code of Regulations
Lead-based paint and/or lead hazards detected.  Lead hazard evaluation was conducted following the p Division 1, Chapter 8. Lead-based paint and/or lead ha	rocedures outlined in Title 17, California Code of Regulations zards were detected.
Section 6-Individual Conducting Lead Hazard Evaluation	
Name Marlin V. Bryant	Telephone Number (925) 427-6477
Address [number. street. apartment (if applicable)]  Ource Aue Suite A  Brand name and serial number of any portable x-ray fluorescence (XRF) is	PHBburg CA 2IP code 94565-5040
NOT USED logistichio	al
OHS certification number Signature	Bun cast 10/3/07
Section 7-Attachments	0.104/2/
lead-based paint;  B. Each testing method, device, and sampling procedure u	ng the specific locations of each lead hazard or presence of sed; ory results, including laboratory name, address, and phone number.
irst copy and attachments retained by inspector	Third copy only (no attachments) mailed or faxed to:
econd copy and attachments retained by owner	Childhood Lead Poisoning Prevention Branch Reports 850 Marina Bay Parkway, Building P, Third Floor
HS 8552 (12/97)	Richmond, CA 94804-6403 Fax: (510) 620-5656